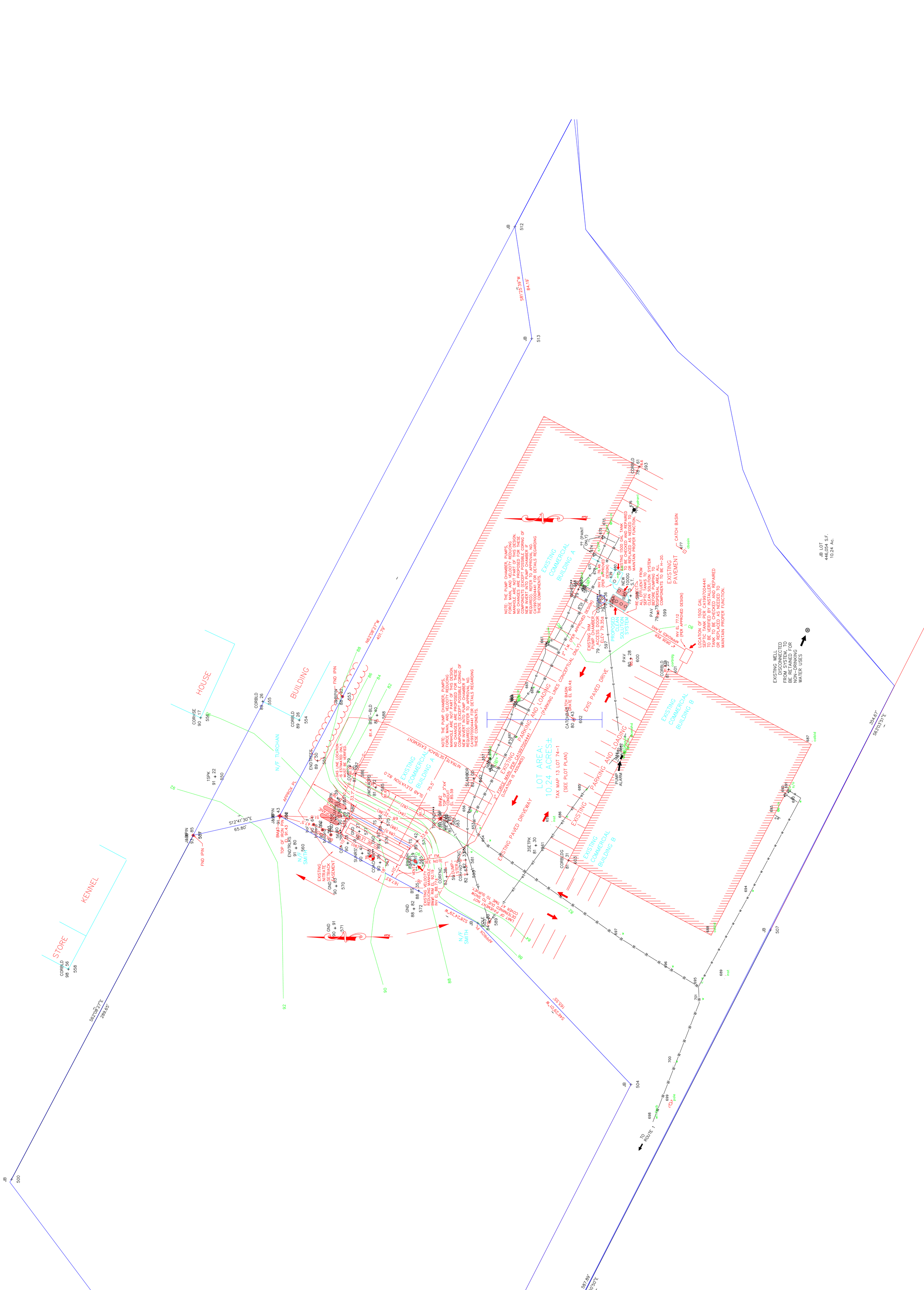
JB 512
S81°25'39"W 84.19'
JB 513
N8208'27"W 401.79'
HOUSE
BUILDING
KENNEL
STORE
N/F TURCHAN
N/F SMITH
APPROX. PL
SETBACK EASEMENT
EXISTING COMMERCIAL BUILDING A
EXISTING COMMERCIAL BUILDING B
EXISTING PAVED DRIVEWAY
EXISTING PARKING AND LOADING
EXIS PAVED DRIVE
EXISTING PAVEMENT
PROPOSED CLEAN SOLUTION SYSTEM
NEW 1000G S.T.
EXISTING 1500 GAL TANK TO BE CHECKED AND REPAIRED OR REPLACED AS NEEDED TO MAINTAIN PROPER FUNCTION.
LOCATION OF 1500 GAL SEPTIC TANK PER CA1997004441 TO BE VERIFIED BY INSTALLER. TANK TO BE CHECKED AND REPAIRED OR REPLACED AS NEEDED TO MAINTAIN PROPER FUNCTION.
NOTE: THE PUMP CHAMBER, PUMPS, FORCE MAIN, AND VELOCITY REDUCING MANHOLE ARE PART OF THIS DESIGN. NO CHANGES ARE PROPOSED FOR THESE COMPONENTS (EXCEPT POSSIBLE CORING OF NEW INVERT INTO PUMP CHAMBER IF REQUIRED). REFER TO APPROVAL NO. CA1997004441 FOR DETAILS REGARDING THESE COMPONENTS
EXISTING WELL DISCONNECTED FROM SYSTEM, TO BE RETAINED FOR NON-DRINKING WATER USES
JB LOT 446,054 S.F. 10.24 Ac.
LOT AREA: 10.24 ACRES±
TAX MAP 13 LOT 74-1 (SEE PLOT PLAN)
S26°24'29"W
S46°29'01"W 165.55'
S62°08'27"E 289.65'
S63°03'57"E 354.67'
S12°41'30"E 65.80'
587.89'
TO ROUTE 1
JB 500
JB 504
JB 507

Command= 210-
Point#, Start#-End# or G#= 1-715

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025		14:32:55				D:...\BMHOME7	
		62.39	SETPK	1	5000.0000	5000.0000	TRA
		61.70	SETHUB	2	5338.2936	5078.1807	OCC
		66.52	SETHUB	3	5586.2997	4853.2718	TRA
		64.74	SETHUB	4	5454.0094	4658.4277	TRA
		62.88	BMNLPOLE	5	4889.9397	4977.0874	SS
		60.57	CLSWALE	6	4898.6377	5020.3252	SS
		61.12	CLSWALE	7	4934.5694	4994.3983	SS
		61.72	CLSSW	8	4974.6017	4981.6904	TRA
		63.24	BMFNHUB	9	4976.0319	5006.7113	SS
		62.54	PIT	10	4975.4657	5019.4038	SS
		59.36	CLSWALE	11	4894.1280	5060.8238	SS
		58.22	INTERSWL	12	4885.0931	5083.1906	SS
		61.83	TS	13	4918.9773	5068.6104	SS
		62.28	TS	14	4989.5435	5113.5797	SS
		59.15	BS	15	4983.9998	5126.1090	SS
		57.58	CLSWALE	16	4982.4688	5149.3546	SS
		62.93	TRLR	17	5028.3890	5079.6840	SS
		62.87	TRLR	18	5085.3657	5044.9136	SS
		63.99	BMNLPOLE	19	5105.9423	5020.4604	SS
		61.62	RIMCB	20	5080.5091	5005.0930	SS
		62.00	TRLR	21	5077.3952	4990.7164	SS
		61.64	RIMCB	22	5024.3212	4952.9099	SS
		63.92	TOPTANK	23	5142.5290	5070.4732	SS
		63.45	TOPTANK	24	5150.7175	5064.6547	SS
		61.92	FLAG	25	5169.3491	5084.9023	SS
		63.82	GAR	26	5178.4830	4985.8886	SS
		63.61	POLGAR	27	5171.2905	4981.3759	SS
		61.12	PIPE	28	4846.1583	5030.4181	SS
		63.15	TREE	29	4966.2400	5048.6668	SS
		61.78	SHED	30	4937.6127	4975.1885	SS
		61.86	SHED	31	4955.7171	4972.3809	SS
		62.96	EP	32	5056.8030	5029.9175	SS
		60.92	FLAG	33	5310.6777	5108.7957	SS
		62.29	FLAG@PIN	34	5307.1550	5053.4413	SS
		63.55	BMNLPINE	35	5346.9499	5012.7508	SS
		62.61	FLAG	36	5343.8853	4954.8574	SS
		66.03	TS	37	5378.0921	4956.9566	SS
		62.03	LINE	38	5375.6992	5090.8097	SS
		64.57	CLRD	39	5450.4035	5103.0725	SS
		60.90	LINE	40	5279.9036	5067.9474	SS
		61.28	LINE	41	5206.1049	5068.0022	SS
		63.12	GND	42	5408.6594	5025.3518	SS
		64.79	BMNLPINE	43	5443.1038	5082.5206	SS
		60.85	FNDIPIN	44	5275.6512	5441.4938	TRA
		66.42	CLTRACK	45	5296.5978	5408.8235	SS
		65.56	TOPBOX	46	5304.6222	5385.3865	SS

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		61.95	FNDIP	47	5375.9911	5225.5552	SS
		62.67	CLRD@CUL	48	5395.9585	5217.7655	SS
		65.15	CLRD	49	5493.8008	5018.5139	SS
		64.18	GND	50	5481.0257	5008.6944	SS
		65.54	PNTRK1'U	51	5509.3614	4958.2333	SS
		66.08	FLAGLUMP	52	5457.0389	4898.0282	SS
		63.25	FLAGEW	53	5360.0863	4887.6449	SS
		62.88	FLAGEW	54	5389.6027	4821.6037	SS
		63.39	FLAGEW	55	5424.4914	4840.7772	SS
		63.42	FLAGEW	56	5445.4290	4802.3847	SS
		63.82	FLAGNOYW	57	5491.0190	4800.5800	SS
		66.34	BMNLPINE	58	5571.7972	4831.5238	SS
		68.30	CLRD	59	5647.6568	4715.6609	SS
		66.17	PIT	60	5567.7148	4685.5584	SS
		71.23	FARCORTR	61	5627.5982	4592.5727	SS
		65.50	BMNLPINE	62	5419.8507	4704.4826	SS
		70.11	TRLR	63	5499.5558	4603.2987	SS
		69.99	TRLR	64	5477.6314	4559.8792	SS
		66.10	SHED	65	5474.4236	4620.3780	SS
		66.47	SHED	66	5468.9368	4609.7972	SS
		71.27	FARCORTR	67	5580.7960	4581.0756	SS
		67.06	SHED	68	5555.5678	4624.0471	SS
		67.61	SHED	69	5573.5626	4632.8438	SS
		63.34	FLAGEW	70	5411.1126	4762.9689	SS
		62.94	FLAGEW	71	5365.5423	4751.5703	SS
		63.28	FLAGEW	72	5372.4104	4706.5460	SS
		67.90	SILLTR2'	73	5378.2671	4620.7414	SS
		65.15	TRLR	74	5338.6981	4674.7442	SS
		64.13	TRLR	75	5234.0050	4880.6705	SS
		65.74	TRLR	76	5190.3949	4906.4211	SS
		66.93	HUMMOCK	77	5452.4151	4690.9586	SS
		64.80	FLAG	78	5520.8932	4726.7212	SS
				79	6316.3697	4302.0515	TRA
				80	5309.6611	5367.2449	TRA
				81	5375.8062	5225.9511	TRA
				82	5591.6347	4801.9522	TRA
				83	5752.2975	4485.7587	TRA
				84	6020.5016	3962.8492	TRA
				85	5075.0907	5221.8051	TRA
				86	5827.4354	3760.0550	INT
				87	5827.4354	3760.0550	
				88	5075.0875	5221.8035	TRA
				89	4579.4883	4920.5041	TRA
				90	5364.5931	3289.6422	TRA
				91	4999.9002	5000.1939	TRA
				92	5366.5708	4612.1713	TRA
		61.88	B1	93	5404.5999	5170.1776	SS
		63.46	B2	94	5429.4567	5114.2709	SS
		64.30	B3	95	5477.1568	5022.2486	SS
		64.44	B4	96	5513.6727	4950.8505	SS
		64.79	B5	97	5568.1697	4837.7758	SS
		66.03	B6	98	5614.0571	4749.0860	SS
		68.31	B7	99	5663.3655	4637.0980	SS
		67.48	B8	100	5607.5283	4645.4432	SS
		66.45	B9	101	5539.6536	4633.6304	SS
		66.42	B10	102	5500.8897	4629.8293	SS
		65.83	L5B11	103	5467.8297	4619.7098	SS
		62.99	C1	104	5359.5435	4887.8005	SS

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		64.12	C2	105	5404.1737	4886.9849	SS
		64.81	C3	106	5442.9883	4894.9182	SS
		64.18	C4	107	5474.3506	4884.2269	SS
		64.77	C5	108	5472.3492	4892.3346	SS
		63.94	C6	109	5451.9676	4907.2193	SS
		64.60	C7	110	5433.7142	4934.0749	SS
		64.44	C8	111	5406.9831	4959.1071	SS
		63.98	C9	112	5366.6260	4969.6567	SS
		63.41	C10	113	5351.8058	4934.8535	SS
		66.48		114	5586.3145	4853.2584	SS
		62.44	A7	115	5170.2572	5070.9943	SS
		62.49	A6	116	5152.5803	5061.9637	SS
		62.66	L2A5	117	5133.7909	5070.6859	SS
		62.06	L5A4	118	5123.6642	5086.2217	SS
		62.16	R3A8	119	5172.7334	5049.8306	SS
		62.70	R4A9	120	5161.1308	5021.0715	SS
		63.41	A10	121	5188.2528	4982.7464	SS
		63.16	A11	122	5215.4424	4940.8649	SS
		63.89	R10A12	123	5246.6146	4904.5594	SS
		66.77	B12	124	5459.1109	4560.3202	SS
		66.93	L2B13END	125	5458.6929	4520.2971	SS
		66.90	A32END	126	5453.9116	4518.3477	SS
		66.41	A31	127	5435.8213	4537.9630	SS
		65.46	A29	128	5402.6384	4586.8305	SS
		66.34	A28	129	5398.7018	4602.2983	SS
		65.91	A27	130	5387.5160	4622.8568	SS
		64.55	A26	131	5392.9700	4635.3963	SS
		64.47	A25	132	5379.0337	4636.1690	SS
		64.51	A24	133	5354.0793	4668.9254	SS
		64.32	A23	134	5349.8053	4685.2468	SS
		64.29	A22	135	5330.4739	4708.5861	SS
		64.10	L3A21	136	5327.9347	4730.5778	SS
		64.47	A19	137	5323.9641	4770.9375	SS
		64.83	R9A20	138	5318.5792	4758.3454	SS
		64.36	A18	139	5328.8371	4797.1938	SS
		64.56	A17	140	5311.7740	4808.3111	SS
		64.26	L2A16	141	5300.3134	4820.0580	SS
		64.50	L2A15	142	5288.6774	4839.0562	SS
		64.26	L6A14	143	5281.2240	4846.1824	SS
		64.33	L6A13	144	5262.1373	4859.4035	SS
				145	5274.7548	5441.8089	TRA
				146	6080.4978	4057.0688	TRA
				147	6058.6035	4085.0677	TRA
		61.66	2SETHUB	150	5340.1851	5336.0291	TRA
		66.52	3FNDHUB	151	5586.0737	4852.3403	TRA
		66.86	8SETPK	152	5650.6840	5140.2749	TRA
		64.43	1SETTK	153	5637.2378	5434.0915	SS
		62.82	TOPSETIP	154	5376.2500	5225.1047	SS
		59.32	D1	155	5386.9909	5288.3272	SS
		62.03	C11	156	5404.8231	5241.5189	SS
		63.36	B7	157	5438.8536	5201.5296	SS
		63.37	B8	158	5450.5957	5188.7370	SS
		63.71	B9	159	5462.0718	5162.7791	SS
		64.25	B10	160	5461.1869	5134.6688	SS
		64.28	B1	161	5469.0593	5120.9664	SS
		64.30	C2	162	5498.1209	5123.0110	SS
		63.69	B5	163	5482.1753	5198.2631	SS
		63.11	B6	164	5466.9207	5212.8131	SS

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		62.29	C10	165	5430.8135	5252.8696	SS
		62.36	C9	166	5464.3931	5278.7240	SS
		61.92	C8	167	5480.4980	5306.7263	SS
		58.81	D3	168	5441.0697	5324.3361	SS
		59.12	D2	169	5421.7576	5298.2649	SS
		59.39	D4	170	5450.7249	5362.9044	SS
		59.30	D5	171	5458.1258	5388.1149	SS
		60.32	D6	172	5461.4379	5413.4280	SS
		60.23	D7	173	5477.8200	5438.0278	SS
		59.31	CORPOND	174	5374.5309	5289.8640	SS
		57.59	EDPONDWA	175	5367.5296	5331.3617	SS
		61.79	CORFNC	176	5356.7011	5385.2310	SS
		86.65	7SETHUB	177	6142.6258	4591.9588	SS
		68.54	A10	178	5749.3644	4771.1086	SS
		68.47	A9	179	5772.7700	4826.6179	SS
		67.77	A8	180	5783.9572	4881.6340	SS
		68.12	A7	181	5821.5574	4914.6974	SS
		68.48	A6	182	5856.2167	4962.8959	SS
		68.63	A5	183	5890.0227	5005.0617	SS
		68.07	LT11A13	184	5660.9216	4659.8395	SS
		68.07	A11	185	5717.2802	4731.9059	SS
		66.40	FNDNL	186	5571.3451	4830.5876	SS
		63.53	FNDNL	187	5346.6122	5012.1852	SS
		70.61	@FNDIP	188	5935.3210	5022.6329	SS
		67.59	A4	189	5894.3868	5048.4167	SS
		67.00	A3	190	5896.8392	5087.4476	SS
		66.86	A2	191	5924.0060	5125.5188	SS
		67.85	LT6A1	192	5970.9921	5121.4632	SS
		66.44	@IPBENT	193	5838.5410	5209.8585	SS
		64.28	@IP	194	5783.9224	5326.4374	SS
		66.26	E6	195	5616.9861	5094.1787	SS
		66.42	E4	196	5637.6955	5027.7319	SS
		66.49	E5	197	5644.3047	5064.2621	SS
		65.20	E7	198	5589.1009	5109.8925	SS
		65.22	E1	199	5550.6392	5075.6356	SS
		65.51	E2	200	5557.4869	5033.7751	SS
		64.14	B2	201	5498.2951	5124.1462	SS
		64.73	B3	202	5503.2867	5143.3804	SS
		63.81	LT8B4	203	5483.5986	5164.6915	SS
		65.10	E8	204	5569.4552	5131.1477	SS
		64.91	E9	205	5553.0275	5098.6182	SS
		65.98	E3	206	5595.4986	5037.2887	SS
		59.59	BASEIP	207	5638.0401	5568.6291	SS
		62.62	C3	208	5588.3351	5447.9557	SS
		61.00	LT9C1	209	5554.4286	5494.3277	SS
		61.61	LT3D10	210	5555.2491	5486.6527	SS
		62.45	C2	211	5580.7180	5470.2382	SS
		62.54	C4	212	5559.9120	5416.9634	SS
		61.39	C5	213	5513.5842	5417.8165	SS
		61.68	C6	214	5491.3308	5386.4112	SS
		61.71	C7	215	5478.8897	5344.9600	SS
		60.65	D8	216	5514.7729	5447.3456	SS
		61.27	D9	217	5547.9573	5462.3306	SS
				218	6245.0485	4199.3368	TRA
				219	6318.7062	4297.6311	TRA
				220	5644.0000	5574.1284	TRA
		90.25	SETHUB	221	6021.5719	3972.5539	TRA
		95.50	SETHUB	222	6245.6674	4200.6216	TRA

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		95.18	FNDIPS	223	6316.3697	4302.0515	TRA
		86.58	SETHUB	224	6142.6073	4591.9664	TRA
		66.52	FNDHUB	225	5586.0737	4852.3403	SS
			FNDTK	226	5650.6433	5140.2321	SS
		92.71	CIRHSE	227	6080.5903	4057.1271	SS
		92.85	CIRHSE	228	6058.6728	4084.9804	SS
		95.28	POLE	229	6243.8580	4196.6324	SS
		93.81	NOPARK	230	6166.5685	4109.2160	SS
		93.92	POLE	231	6146.8415	4109.3126	SS
		93.50	WH/L	232	6165.4515	4093.5608	SS
		92.85	PKWLCLDR	233	6137.6710	4064.4706	SS
		92.04	DTCHLINE	234	6119.4813	4053.9427	SS
		91.46	PKWLCLDR	235	6086.2471	4011.6234	SS
		90.44	LOWSPOT	236	6070.3719	4005.1587	SS
		91.23	CLDR@PK	237	6040.9343	4080.4605	SS
		91.27	CORGAR	238	6045.7732	4161.5709	SS
		88.93	CORBLDG	239	6045.4941	4184.4176	SS
		85.63	CORBLDG	240	5987.3870	4230.1556	SS
		85.56	CORBLDG	241	5951.8860	4278.8774	SS
		81.36	CORFNCGA	242	5886.1030	4288.5282	SS
		81.58	FNC4TOEN	243	5895.5361	4275.4048	SS
		82.71	CLDRTS	244	5842.9766	4372.3900	SS
		80.46	CORSHED	245	5854.1560	4273.3299	SS
		81.44	CORSHED	246	5896.1931	4189.9154	SS
		98.00	CORSHED	247	5906.9695	4168.6980	SS
		90.74	CLDR	248	6022.6829	4140.8403	SS
		88.49	ENDHEDGE	249	5988.7094	4021.2653	SS
		51.16	2SETHUB	250	5339.4909	5336.4679	TRA
		56.02	3FNDHUB	251	5586.3076	4853.2521	TRA
		56.36	8SETPK	252	5650.3650	5141.3102	TRA
		53.93	1SETTK	253	5636.3547	5435.1004	SS
		52.32	TOPSETIP	254	5375.7686	5225.6130	SS
		48.82	D1	255	5386.3881	5288.8560	SS
		51.53	C11	256	5404.3102	5242.0819	SS
		52.86	B7	257	5438.4174	5202.1581	SS
		52.87	B8	258	5450.1840	5189.3881	SS
		53.21	B9	259	5461.7100	5163.4522	SS
		53.75	B10	260	5460.8790	5135.3403	SS
		53.78	B1	261	5468.7777	5121.6530	SS
		53.80	C2	262	5497.8353	5123.7534	SS
		53.19	B5	263	5481.7452	5198.9748	SS
		52.61	B6	264	5466.4628	5213.4954	SS
		51.79	C10	265	5430.2787	5253.4826	SS
		51.86	C9	266	5463.8087	5279.4014	SS
		51.42	C8	267	5479.8597	5307.4346	SS
		48.31	D3	268	5440.3977	5324.9686	SS
		48.62	D2	269	5421.1357	5298.8604	SS
		48.89	D4	270	5449.9789	5363.5554	SS
		48.80	D5	271	5457.3313	5388.7801	SS
		49.82	D6	272	5460.5948	5414.0994	SS
		49.73	D7	273	5476.9297	5438.7307	SS
		48.81	CORPOND	274	5373.9252	5290.3688	SS
		47.09	EDPONDWA	275	5366.8443	5331.8530	SS
		51.29	CORFNC	276	5355.9124	5385.7014	SS
		76.15	7SETHUB	277	6143.3586	4593.9395	SS
		58.04	A10	278	5749.7540	4772.3340	SS
		57.97	A9	279	5773.0530	4827.8881	SS
		57.27	A8	280	5784.1345	4882.9256	SS

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		57.62	A7	281	5821.6711	4916.0611	SS
		57.98	A6	282	5856.2379	4964.3261	SS
		58.13	A5	283	5889.9629	5006.5567	SS
		57.57	LT11A13	284	5661.5250	4660.8953	SS
		57.57	A11	285	5717.7451	4733.0698	SS
		55.90	FNDNL	286	5571.6208	4831.4711	SS
		53.03	FNDNL	287	5346.5397	5012.6369	SS
		60.11	@FNDIP	288	5935.2273	5024.2149	SS
		57.09	A4	289	5894.2437	5049.9200	SS
		56.50	A3	290	5896.6211	5088.9555	SS
		56.36	A2	291	5923.7148	5127.0788	SS
		57.35	LT6A1	292	5970.7086	5123.1134	SS
		55.94	@IPBENT	293	5838.0880	5211.2543	SS
		53.78	@IP	294	5783.2457	5327.7282	SS
		55.76	E6	295	5616.7557	5095.1494	SS
		55.92	E4	296	5637.5926	5028.7425	SS
		55.99	E5	297	5644.1317	5065.2853	SS
		54.70	E7	298	5588.8403	5110.8096	SS
		54.72	E1	299	5550.4445	5076.4790	SS
		55.01	E2	300	5557.3725	5034.6317	SS
		53.64	B2	301	5498.0074	5124.8889	SS
		54.23	B3	302	5502.9620	5144.1327	SS
		53.31	LT8B4	303	5483.2330	5165.4059	SS
		54.60	E8	304	5569.1538	5132.0271	SS
		54.41	E9	305	5552.7887	5099.4660	SS
		55.48	E3	306	5595.3774	5038.2182	SS
		49.09	BASEIP	307	5636.8987	5569.6393	SS
		52.12	C3	308	5587.4255	5448.8707	SS
		50.50	LT9C1	309	5553.4300	5495.1775	SS
		51.11	LT3D10	310	5554.2653	5487.5041	SS
		51.95	C2	311	5579.7656	5471.1385	SS
		52.04	C4	312	5559.0620	5417.8239	SS
		50.89	C5	313	5512.7326	5418.5880	SS
		51.18	C6	314	5490.5396	5387.1401	SS
		51.21	C7	315	5478.1781	5345.6651	SS
		50.15	D8	316	5513.8646	5448.1194	SS
		50.77	D9	317	5547.0202	5463.1680	SS
				320	6157.9990	4601.6779	INT
				321	6317.6587	4304.3664	
				322	5273.4656	5439.4936	TRA
		90.03	TS5TOEP	330	6002.0488	4104.0222	SS
		89.74	GND	331	6023.3635	4027.5948	SS
		-10.55	SETNAIL	332	6012.3978	3968.1648	SS
		91.81	MH	333	6045.2098	4105.3058	SS
		92.18	MH	334	6068.2651	4114.7540	SS
		90.56	CLDRDTCH	335	6099.7414	3972.8337	SS
		86.75	CLDR	336	5974.8472	3838.8109	SS
		88.29	POLE	337	6022.5721	3888.4599	SS
		88.74	SIGN	338	5992.1974	3930.3624	SS
		94.91	WH/L	339	6255.0156	4192.9077	SS
		95.10	WH/L	340	6288.4881	4234.6258	SS
		94.66	PUDDLE	341	6303.2873	4261.0826	SS
		95.22	SETPKW/L	342	6319.4509	4279.8578	SS
		95.35	PIEDDR	343	6384.2249	4396.5487	SS
		96.25	POLE	344	6382.5693	4302.8686	SS
		96.41	CORCURB	345	6399.6740	4333.7024	SS
		96.03	CORCURB	346	6370.4747	4276.3209	SS
		96.38	STOPSIGN	347	6349.6235	4231.2706	SS

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		96.10	ENDCLPNT	348	6303.6838	4179.5633	SS
		96.93	BOLTSIGN	349	6275.8546	4149.5337	SS
		95.16	DITCHLN	350	6226.6663	4106.8983	SS
		95.10	GND	351	6188.6673	4155.6093	SS
		95.83	GUY	352	6232.7556	4206.5314	SS
		95.62	FLAGPOLE	353	6254.1909	4235.5877	SS
		95.79	ENDSIGN	354	6261.7292	4228.7832	SS
		95.11	POLE	355	6288.7984	4263.7552	SS
		96.27	CORCOTT	356	6215.8877	4275.7121	SS
		96.04	EPDR	357	6224.1122	4263.9328	SS
		93.56	GND	358	6197.3452	4358.0838	SS
		92.39	TS	359	6171.9156	4438.4590	SS
		89.34	BS	360	6151.6958	4495.3847	SS
		93.96	BMNL24P	361	6149.4438	4288.1980	SS
		89.16	GND	362	6116.5611	4330.7246	SS
		93.31	RRTIE	363	6228.8730	4442.6256	SS
		94.71	LTPOLE	364	6271.3463	4414.6863	SS
		95.17	LTPOLE	365	6311.8625	4328.3988	SS
		95.47	GUY	366	6302.5041	4332.3825	SS
		94.58	ENDRRTIE	367	6295.0034	4322.6953	SS
		95.07	CORRRTIE	368	6369.3048	4404.1215	SS
		91.78	POLE	369	6603.5777	4754.2648	SS
		99.74	TOPHYD	370	6462.1249	4445.0515	SS
		97.73	FNDDHCB	371	6464.9906	4446.2527	SS
		94.41	CLWLKEND	372	6232.6218	4306.5762	SS
		95.97	TS	373	6213.3888	4311.6794	SS
		90.29	BS	374	6135.9413	4320.8014	SS
		85.07	BSWET	375	6042.5364	4330.8166	SS
		83.92	GND	376	5945.4849	4339.1944	SS
		93.71	POLE	377	6098.2201	4149.4088	SS
		96.98	TOPCORFC	378	6101.9415	4156.9305	SS
		76.87	EDGPINES	379	5944.0481	4780.6631	SS
		75.72	TS	380	5844.2144	4655.5401	SS
		81.35	GND	381	5913.9775	4538.8888	SS
		83.67	GND	382	5998.6434	4523.3960	SS
		80.34	SWALE	383	6002.3750	4659.9445	SS
		80.63	TS	384	6000.9948	4676.8812	SS
		80.28	SWALE	385	5976.6912	4636.6202	SS
		80.48	SW60-END	386	5940.3817	4604.4414	SS
		82.78	TS	387	6030.9957	4639.2904	SS
		82.66	TOPIP	388	6051.2280	4801.7155	SS
		80.54	CORFNC	389	6064.5750	4776.3655	SS
		83.03	CORFNC	390	6114.5791	4680.9779	SS
		83.58	CORHSE	391	6151.2477	4698.1454	SS
		85.75	CORHSE	392	6176.6264	4643.2367	SS
		90.59	PAVCORBL	393	6232.1682	4537.8906	SS
		90.39	PAVENDAD	394	6260.4369	4484.8665	SS
		90.15	RIMCB	395	6256.1082	4487.2175	SS
		91.30	EPDR	396	6231.5193	4490.5935	SS
		92.28	GND	397	6201.9276	4478.7338	SS
		85.54	TS	398	6085.0697	4591.4400	SS
		89.20	SETNL30P	399	6174.2267	4556.3324	SS
		86.29	SETNL24P	400	6147.1585	4618.0117	SS
			jblc	421	6182.0391	4556.2092	
			jblc	422	6117.8468	4570.6657	TRA
			jblc	423	5970.2266	4490.8210	TRA
			jblc	424	5856.2352	4370.7679	TRA
			jblc	425	6049.9447	3993.0981	TRA

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
			jblc	426	6189.4832	4137.8119	TRA
			jblc	427	5442.9867	4857.6119	TRA
			jblc	428	6317.3901	4300.1286	PT
			jnlc	429	6020.5974	3962.6624	TRA
		91.30	1SETPK	430	6041.0905	4152.7798	INT
		81.64	2SETHUB	431	5846.1252	4309.1720	TRA
		91.04	TOPIPN	432	6049.9868	3993.0173	SS
		90.24	FNDHUB	433	6021.3400	3972.9310	SS
		84.90	CORMH	434	5940.9565	4031.3387	SS
		85.02	CORMH	435	5923.0639	4067.4526	SS
		85.77	CORSHED	436	5945.6421	4085.8606	SS
		86.17	CORSHED	437	5951.1311	4074.4229	SS
		83.59	CORMH	438	5869.5361	4075.0555	SS
		85.80	GND	439	5947.1580	4110.5955	SS
		87.55	GND	440	5974.9814	4121.1178	SS
		89.14	GND	441	5991.7756	4089.6097	SS
		89.70	COREPDMP	442	5996.4600	4122.4872	SS
		90.89	EP	443	6037.2764	4068.5261	SS
		91.40	COREP	444	6049.5998	4078.0426	SS
		92.87	CORHSE	445	6058.4369	4085.2934	SS
		92.21	CORHSE	446	6075.9405	4104.0614	SS
		92.66	CORHSE	447	6085.0954	4111.2609	SS
		91.64	CORHSTOO	448	6060.8041	4135.2505	SS
		94.43	FFLEL	449	6064.9775	4135.8467	SS
		91.91	CONC@COR	450	6045.4155	4161.6851	SS
		88.92	CORBLD*	451	6045.2265	4184.6727	SS
		89.28	CORBLD	452	6055.3843	4192.0067	SS
		89.67	GND	453	6065.7658	4215.8013	SS
		88.82	GND	454	6081.5220	4252.9477	SS
		88.02	GNDGUT	455	6035.1837	4197.3803	SS
		87.34	GND	456	6023.1200	4214.0696	SS
		86.37	CORGUT*	457	6012.4272	4229.7457	SS
		89.07	THRESH*	458	6010.6005	4234.0058	SS
		86.12	CORBLD**	459	6004.1319	4242.8954	SS
		87.06	BMBOTTRM	460	5986.9332	4230.4533	SS
		86.74	GND	461	6010.2405	4197.6836	SS
		88.61	GND	462	6027.0732	4172.5926	SS
		87.19	CLDR	463	6004.9884	4166.0103	SS
		90.63	CLDR	464	6021.9330	4140.9416	SS
		85.74	INDRV	465	5995.9175	4189.2699	SS
		84.87	INDRV	466	5973.3475	4219.0967	SS
		84.17	EDGDRV	467	5954.0421	4207.8396	SS
		82.95	GND	468	5914.6891	4207.3047	SS
		84.38	GND	469	5947.0593	4184.9438	SS
		86.72	GND	470	5977.9009	4153.0236	SS
		82.08	GND	471	5911.7080	4251.9548	SS
		83.66	CORMH	472	5897.1493	4141.6816	SS
		83.63	CORMH	473	5884.3410	4147.0657	SS
		80.18	CORSHED	474	5886.1187	4202.8555	SS
		81.12	CORSHED	475	5895.9227	4190.2796	SS
		80.30	GND	476	5866.0971	4227.4573	SS
		81.12	GND	477	5879.7992	4243.0308	SS
		80.44	CORSHED	478	5853.9551	4273.7266	SS
		80.53	CORSHED	479	5847.1259	4283.4915	SS
		81.00	GNDSYS?	480	5873.8438	4288.2306	SS
		82.21	SIGN	481	5905.6928	4280.9382	SS
		81.16	GND	482	5868.6588	4306.4284	SS
		83.41	NEWTANK	483	5912.8416	4320.7873	SS

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		83.23	TOPIPIN	484	5856.2352	4370.7679	SS
		86.17	CONC@BAY	485	5974.6654	4250.0381	SS
		85.56	CORBLD	486	5951.7401	4279.1831	SS
		85.56	CORBLD	487	5985.6027	4304.0908	SS
		85.60	CLEANOUT	488	5989.7117	4225.0183	SS
			JB	500	6317.2967	4300.3168	
			JB	501	6181.9433	4556.3960	TRA
			JB	502	6117.7510	4570.8526	TRA
			JB	503	5970.1308	4491.0078	TRA
			JB	504	5856.1393	4370.9547	TRA
			JB	505	6049.8488	3993.2850	TRA
			JB	506	6020.5016	3962.8492	TRA
			JB	507	5752.2098	4485.9467	TRA
			JB	508	5591.5470	4802.1401	TRA
			JB	509	5375.8637	5225.5846	TRA
			JB	510	5309.5754	5367.4297	TRA
			JB	511	5643.9114	5574.3163	TRA
			JB	512	5942.5440	5009.3241	TRA
			JB	513	5929.9946	4926.0747	TRA
			JB	514	6117.7510	4570.8526	TRA
		91.22	1SPK	550	6165.7284	4600.0628	INT
		89.39	2SPK	551	6074.5483	4584.0815	TRA
		91.43	J&BIPIN	552	6117.7510	4570.8526	SS
		88.02	J&BIPIN	553	6070.9032	4659.6818	SS
		89.26	CORBLD	554	6103.0722	4642.1334	SS
		89.26	CORBLD	555	6130.2411	4656.0304	SS
		90.17	CORHSE	556	6176.4793	4643.8730	SS
		93.85	J&BIPIN	557	6182.0502	4556.3720	SS
		98.56	CORBLD	558	6274.9643	4456.7843	SS
		89.50	ENDTREES	559	6089.4855	4611.8586	SS
		91.80	ENDTRLRS	560	6105.4196	4546.9537	SS
		81.30	3SETPK	561	5926.9540	4548.8975	SS
		90.64	bollard	562	6092.4239	4564.4507	SS
		90.74	bollard	563	6085.8660	4560.4520	SS
		90.51	bollard	564	6079.5402	4556.7740	SS
		92.19	RIMMH	565	6017.5102	4537.8521	SS
		92.19	RIMMH	566	6015.6360	4535.8937	SS
		90.38	COACHMN*	567	6042.9053	4536.1433	SS
		90.47	SUNRSE**	568	6056.2264	4543.0241	SS
		90.38	COACHMN*	569	6066.9327	4550.6068	SS
		90.83	GND	570	6075.5027	4518.6684	SS
		90.91	GND	571	6076.3376	4487.3280	SS
		88.82	GND	572	6017.7045	4501.6995	SS
		88.35	BS	573	6014.2139	4515.1323	SS
		89.42	TS	574	6015.3023	4552.0513	SS
		89.56	TS	575	6041.8602	4565.9706	SS
		89.97	GND	576	6043.0699	4552.6840	SS
		90.27	GND	577	6058.4133	4559.3254	SS
		90.33	ENDTANK	578	6074.1272	4564.8261	SS
		90.21	ENDTANK	579	6071.7195	4570.5541	SS
		89.59	ENDTANK	580	6068.4136	4576.3879	SS
		82.33	CORFNC	581	5979.2507	4538.0560	SS
		82.05	FLEL@DR	582	5992.9051	4566.4755	SS
		81.65	CORBLD	583	5990.0367	4564.8597	SS
		85.59	TOPCND**	584	5997.8368	4568.7939	SS
		81.72	SWCRACPD	585	6046.1386	4591.9529	SS
		81.70	CORBLD	586	6061.0712	4602.3477	SS
		81.79	BS	587	6065.1859	4607.7790	SS

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Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
		81.40	BS6'-BLD	588	6045.1864	4645.7369	SS
		84.33	POLE	589	5961.6490	4491.8494	SS
		82.63	CORFNC	590	5978.1271	4527.3876	SS
		83.38	CORFNC	591	5993.3124	4525.6281	SS
		82.00	SLAB@DR	592	5973.1472	4598.5948	SS
		78.61	CORBLD	593	5849.9961	4830.7499	SS
		79.36	CORRIM**	594	5874.1183	4731.5387	SS
		79.32	CORRIM**	595	5875.7321	4728.6832	SS
		79.56	@SHED**	596	5895.3280	4739.4813	SS
		79.80	PAV	597	5879.7622	4697.9554	SS
		79.15	PAV	598	5856.3590	4734.6340	SS
		79.75	PAV	599	5836.0002	4721.8046	SS
		80.28	PAV	600	5856.2859	4688.0180	SS
		81.25	CORBLD	601	5828.1509	4679.8694	SS
		80.43	CATCHBAS	602	5898.6991	4642.5167	SS
		81.31	CORBLDG	603	5902.6822	4537.7723	SS
			inst	651	5915.9792	4564.2468	INT
			w	652	5973.5082	4570.9659	SS
			w	653	5971.1559	4558.8494	SS
			w	654	5963.8034	4549.5208	SS
			e	655	5977.6816	4541.2172	SS
			e	656	5977.9422	4571.8693	SS
			@censhd	657	5963.5118	4610.0937	SS
			s/o	658	5960.0020	4605.2935	SS
			s/o	659	5958.8895	4607.7149	SS
			e	660	5959.0957	4613.8063	SS
			w	661	5944.0674	4626.5697	SS
			@2e-in	662	5942.8887	4653.5506	SS
			s/o	663	5942.2052	4654.0247	SS
			s/o	664	5941.9743	4654.4353	SS
			e	665	5931.2170	4663.6557	SS
			w	666	5927.1720	4659.9948	SS
			@2e-in**	667	5919.8772	4697.3697	SS
			@censhd	668	5895.3297	4739.3535	SS
			s/o	669	5891.3184	4739.5507	SS
			s/o	670	5890.4413	4741.6076	SS
			e	671	5884.3151	4752.1374	SS
			w	672	5880.6408	4748.4680	SS
			@1e-in	673	5873.6354	4785.2773	SS
			s/o?*	674	5882.8945	4765.4447	SS
			s/o?*	675	5876.3172	4778.2322	SS
			hydrant	676	5853.7864	4798.6153	SS
			cbasin	677	5816.1940	4767.6042	SS
			corbldg	678	5828.0399	4679.7626	SS
			mh	679	5868.5711	4745.6648	SS
			mh	680	5865.3203	4751.1428	SS
			@censhd	681	5858.3307	4627.1854	SS
			@1e-in	682	5860.9901	4617.9464	SS
			@pumpbox	683	5863.1976	4614.7193	SS
			@2tel-in	684	5864.2318	4611.2384	SS
			e	685	5891.9852	4587.6249	SS
			e	686	5906.5400	4567.3621	SS
			calbld	687	5722.0000	4624.0000	
			calbld	688	5796.5000	4482.0000	
			inst	689	5786.5810	4449.6570	INT
			w	690	5732.7552	4578.5279	SS
			s/o	691	5738.1124	4589.4108	SS
			s/o	692	5740.6634	4586.5302	SS

JOB #10 557KOHLHASE [715]

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
01-10-2025				14:32:55		D:...\BMHOME7	
			@e-in	693	5749.0329	4571.5865	SS
			w	694	5768.1683	4512.0467	SS
			< w	695	5805.8832	4443.7699	SS
			w	696	5827.7876	4455.7864	SS
			w	697	5864.8739	4480.2010	SS
			wl1.5ecb	698	5839.8048	4343.2340	SS
			pole	699	5826.7076	4356.6433	SS
			w	700	5824.7609	4385.0327	SS
			w	701	5805.3429	4431.6140	SS

Point#, Start#-End# or G#= 4-

APPROVAL FOR CONSTRUCTION

CA2009098266 N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES CA2009098266
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095 APPROVAL NO.

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: LUCAS HOLDING CO LLC
121 LAFAYETTE RD BOX 12
NORTH HAMPTON NH 03862-

COPY SENT TO: BUILDING INSPECTOR
PO BOX 710
NORTH HAMPTON NH 03862

BY APPLICANT: PERMIT NO. 00348
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.: 13/74-1
Subd. Appvl. No.: 1997000275
Subd. Name: SMITH & TURCHAN
County: ROCKINGHAM
Registry Book No.: 3287
Registry Page No.: 1089
Probate Docket No. (If Applicable):
Type of System: N
Town/City Location: BR
Street Location: 1440 GPD
NORTH HAMPTON
LAFAYETTE ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.
2. PLEASE SEE PRIOR APPROVAL CA1997004441 FOR EXISTING COLLECTION SYSTEM DETAIL.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.

Eric Thomas
08/21/2009 ERIC J THOMAS

Approved this date: _____ By: _____
N.H. Department of Environmental Services Staff
Date amended: _____ Amended by: _____ (OVER)

REVISED 8/01
200900209 APPLICANT'S

PLAN

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

AIRED TO N.

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HALL
DDORS OCCUR,

APPROVED
Town of North Hampton
Septic System Examiner
8/20/09

NEW HAMPSHIRE
Designer of Subsurface Disposal Systems
* * *
Ann W. Bialobrzeski
No. 348
Water Supply & Pollution Control

PERC TEST DATA CA2009098266

2 MIN/IN AT 36" PER ORIGINAL DESIGN

N/A FOR CLEAN SOLUTION SYSTEM

DESIGN LOADING: 1440 GPD PER APPROVED DESIGN

AREA REQUIRED: WASTEWATER ALTERNATIVES
MINIMUM DISPERAL AREA = 500 SF

AREA PROPOSED: 13' X 50' = 650 SF PROVIDED

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Signed Eric Thomas
Date 8-21-09

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM PREVIOUS APPVL CA1997004441
TAX MAP 13 LOT 74-1

LOCUS: DANIELLE LUCAS BUSINESS PARK
121-123 LAFAYETTE ROAD
NORTH HAMPTON, NH

RECEIVED
AUG 21 2009
By Subsurface

OWNER: LUCAS HOLDING CO. LLC
121 LAFAYETTE ROAD, BOX 12
NORTH HAMPTON, NH 03862

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843
603 929-7404

DATE: JANUARY 26, 2009
REVISED AUG 11, 2009

APPROVAL: _____

557

NOTICE to the installer or owner:
The Town of North Hampton requires this system to have a bed bottom (basal area) inspection. Contact the Building Inspector 24 hours prior to the inspection at 603-964-8650.

APPROVAL FOR CONSTRUCTION

CA2013112230

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095

CA2013112230
APPROVAL NO.

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: LUCAS HOLDING CO LLC
PO BOX 12
NORTH HAMPTON NH 03862-

COPY SENT TO: BUILDING INSPECTOR
233 ATLANTIC AVE
NORTH HAMPTON NH 03862

BY APPLICANT: PERMIT NO. 00348
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.:	13 / 74-1
Subd. Appvl. No.:	1997000275
Subd. Name:	SMITH & TURCHAN
County:	ROCKINGHAM
Registry Book No.:	3287
Registry Page No.:	1089
Probate Docket No.: (If Applicable)	
Type of System:	N BR 1440 GPD
Town/City Location:	NORTH HAMPTON
Street Location:	121 -123 LAFAYETTE ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

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ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.
2. - THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. PLEASE SEE PRIOR APPROVAL CA1997004441 FOR A PORTION OF THE COLLECTION SYSTEM PRIOR TO THE NEW 1000 GALLON SEPTIC TANK AND CLEAN SOLUTION TANK.

90 DAY EXTENSION GRANTED FROM DATE OF EXPIRATION.

for ERIC J THOMAS
N.H. Department of Environmental Services Staff

Approved this date: 04/05/2013
Date amended: _____

By: _____
Amended by: _____

(OVER)

REVISED 8/01

201300844

APPLICANT'S

CA20131122230

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Signed Eric Thomas
Date 4-5-13

PAIRED
TO
ON.

ASIN

2

'

SHALL
ODORS OCCUR,

2 MIN/IN AT 36" PER ORIGINAL DESIGN

N/A FOR CLEAN SOLUTION SYSTEM

DESIGN LOADING: 1440 GPD PER APPROVED DESIGN

AREA REQUIRED: WASTEWATER ALTERNATIVES
MINIMUM DISPERAL AREA = 500 SF

AREA PROPOSED: 13' X 50' = 650 SF PROVIDED

PROPOSED REVISED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM PREVIOUS APPVL CA1997004441
EXPIRED APPROVAL CA2009098266

TAX MAP 13 LOT 74-1

LOCUS: DANIELLE LUCAS BUSINESS PARK
121-123 LAFAYETTE ROAD
NORTH HAMPTON, NH
TAX MAP 13 LOT 74-1

OWNER: LUCAS HOLDING CO. LLC
121 LAFAYETTE ROAD, BOX 12
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE
Designer
of
Subsurface Disposal Systems
* * *
Anne W. Bialobrzeski
No. 348
Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843
603 929-7404

DATE: MARCH 25, 2013

APPROVAL: _____

557-2013

NOTICE to the installer or owner:
The Town of North Hampton requires this system to have a bed bottom (basal area) inspection. Contact the Building Inspector 24 hours prior to inspection at 964-8650.

3/28/13
APPROVED
Town of North Hampton
Septic System Examiner

RECEIVED
APR 05 2013
NHDES
LAND RESOURCES MANAGEMENT

APPROVAL FOR CONSTRUCTION

CA2013115186 CA2013115186

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES
SUBSURFACE SYSTEMS BUREAU
P.O. BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO.

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: LUCAS HOLDING CO LLC
121 LAFAYETTE RD BOX 12
NORTH HAMPTON NH 03862-

COPY SENT TO: BUILDING INSPECTOR
233 ATLANTIC AVE
NORTH HAMPTON NH 03862

BY APPLICANT: PERMIT NO. 00348
STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

Map No./Lot No.:	13 / 74-1
Subd. Appvl. No.:	SA1997000275
Subd. Name:	SMITH & TURCHAN
County:	ROCKINGHAM
Registry Book No.:	3287
Registry Page No.:	1089
Probate Docket No.: (If Applicable)	
Type of System:	N BR 1440 GPD
Town/City Location:	NORTH HAMPTON
Street Location:	LAFAYETTE ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

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ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.
2. WAIVERS GRANTED - THIS APPROVAL IS GRANTED ONLY TO IMPROVE AN EXISTING SITUATION.
3. APPROVED WITH A MUNICIPAL WATER SUPPLY ONLY.
4. PLEASE SEE PRIOR APPROVAL CA1997004441 FOR A PORTION OF THE COLLECTION SYSTEM PRIOR TO THE NEW 1000 GALLON SEPTIC TANK AND CLEAN SOLUTION TANK.

10/03/2013 ERIC J THOMAS

Approved this date: _____ By: _____
N.H. Department of Environmental Services Staff

Date amended: _____ Amended by: _____ (OVER)

REVISED 8/01

201303984

APPLICANT'S

CA2013112230

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

2 MIN/IN AT 36" PER ORIGINAL DESIGN

N/A FOR CLEAN SOLUTION SYSTEM

DESIGN LOADING: 1440 GPD PER APPROVED DESIGN

AREA REQUIRED: WASTEWATER ALTERNATIVES
MINIMUM DISPERAL AREA = 500 SF

AREA PROPOSED: 13' X 50' = 650 SF PROVIDED

Signed _____ Date 10-3-13

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

CA2013115186
REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Signed _____
Date 10-3-13

PROPOSED REVISED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM PREVIOUS APPVL CA1997004441
EXPIRED APPROVAL CA2009098266

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE
REQUIREMENTS OF THE
DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Signed _____
4-5-13

LOCUS: TAX MAP 13 LOT 74-1
DANIELLE LUCAS BUSINESS PARK
121-123 LAFAYETTE ROAD
NORTH HAMPTON, NH

TAX MAP 13 LOT 74-1

OWNER: LUCAS HOLDING CO. LLC
121 LAFAYETTE ROAD, BOX 12
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE
Designer
of
Subsurface Disposal Systems
Anne W. Bialobrzeski
No. 348
Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843
603 929-7404

DATE: MARCH 25, 2013

APPROVAL: _____

557-2013

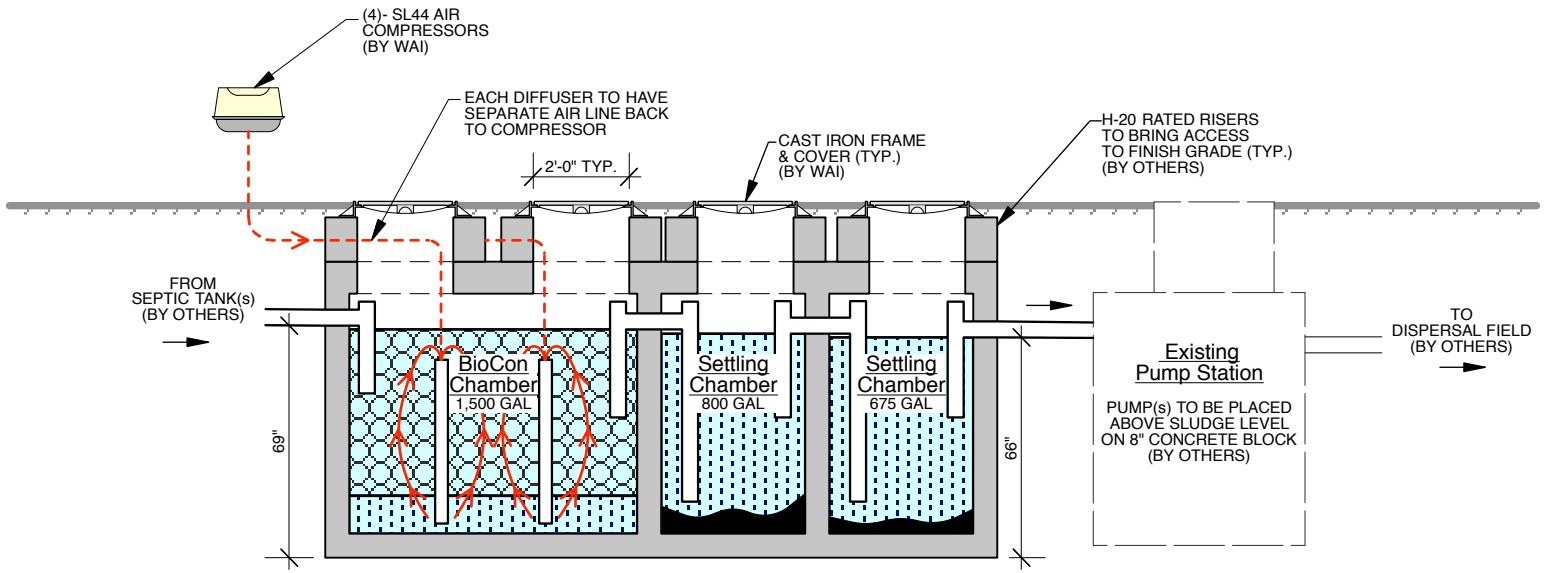
NOTICE to the installer or owner. The Town of North Hampton requires this system to have a bed bottom (basal area) inspection. Contact the Building Inspector 24 hours prior to inspection at 964-8650.

3-28-13
APPROVED
Town of North Hampton
Septic System Examiner

RECEIVED
APR 05 2013

RECEIVED
OCT 03 2013
NHDES
LAND RESOURCES MANAGEMENT

THE CLEAN SOLUTION™ ALTERNATIVE SEPTIC SYSTEM
MODEL C-SAN1500
FOR A 1,440 GPD COMMERCIAL BUILDING


(4)- SL44 AIR COMPRESSORS (BY WAI)
EACH DIFFUSER TO HAVE SEPARATE AIR LINE BACK TO COMPRESSOR
2'-0" TYP.
CAST IRON FRAME & COVER (TYP.) (BY WAI)
H-20 RATED RISERS TO BRING ACCESS TO FINISH GRADE (TYP.) (BY OTHERS)
FROM SEPTIC TANK(s) (BY OTHERS)
BioCon Chamber 1,500 GAL
Settling Chamber 800 GAL
Settling Chamber 675 GAL
69"
66"
Existing Pump Station
PUMP(s) TO BE PLACED ABOVE SLUDGE LEVEL ON 8" CONCRETE BLOCK (BY OTHERS)
TO DISPERSAL FIELD (BY OTHERS)

BioCon/Settling Tank

- Provided by WAI -

3,000 GAL 3-Compartment H-20 Tank

(15'0"L x 7'0"W x 7'2"H)

Tanks from:

Phoenix Precast Products
Concord, NH 03301
1-800-639-2199

NOTES:

1. See Inspection Contract for required maintenance schedule.
2. Septic, Settling and Pump chambers must be pumped every 2 to 3 years. More frequent pumping may be required depending on use.
3. Tanks are rated for H-20 loading.
4. Contractor to verify tank dimensions prior to setting.
5. Contractor to provide H-20 rated access risers to finish grade.
6. WAI to provide 4 cast iron access covers and frames.

Site: Tax Map 13, Lot 74-1 Danielle Lucas Business Park 121-123 Lafayette Road North Hampton, NH	Owner: Lucas Holding Co., LLC c/o Dave Kohlhase 121 Lafayette Road, Box 12 North Hampton, NH 03862	Date 01/23/2009 Rev. 03/24/2013	WASTEWATER ALTERNATIVES, INC. **THE CLEAN SOLUTION™** 11 Hethlon Road Canterbury, NH 03224 Tel. 1-866-900-2415 Fax. 603-783-4499 www.thecleansolution.com

LUCAS_C-SAN1500.wxx

© 2009 WASTEWATER ALTERNATIVES, INC.

WASTEWATER ALTERNATIVES, INC

2 Whitney Road – Suite 10
Concord, NH 03301
Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 369-4747
www.thecleansolution.com email: gary@thecleansolution.com

COMMERCIAL
SALES AGREEMENT
March 23, 2013

BUYER:	
Name:	Lucas Holding Co., LLC c/o Dave Kohlhase
Address:	121 Lafayette Road, Box 12
City, State Zip:	N. Hampton, NH 03862
Phone:	
Cell:	
Email:	

OWNER-IF DIFFERENT:	
Name:	~Same~
Address:	
City, State Zip:	
Phone:	
Cell:	
Email:	

SITE:	
Property ID:	Tax Map 13, Lot 74-1 Danielle Lucas Business Park
Address:	121-123 Lafayette Road
City, State, Zip:	N. Hampton, NH
Waterbody:	N/A

Property Type:	
Commercial:	Yes
Residential Community:	No
Code:	C

Wastewater Alternatives, Inc. (WAI) agrees to supply a Model ***C-SAN1500 CLEAN SOLUTION™*** Sewage Treatment System to the buyer installed at the above site in accordance with the attached specifications and the subsurface disposal plan submitted for an ***existing commercial building with a design flow of 1,440 gpd*** by ***Anne W. Bialobrzeski***, as approved by NHDES. ***THE CLEAN SOLUTION*** system has been designed based on design parameters provided by the designer / owner. Change of use that results in the increase in daily flow or wastewater strength will require approval by WAI. Approval from NHDES and Local Land Use Boards may also be required.

SHOULD THE ABOVE PROPERTY BE SOLD, THE ABOVE OWNER SHALL PROVIDE THE NEW OWNER WITH A COPY OF THIS AGREEMENT. THE TERMS AND CONDITIONS OF THIS AGREEMENT WILL TRANSFER TO THE NEW BUYER AND BECOME BINDING ON THE NEW OWNER[S].

This Sales Agreement is subject to the following conditions:

1. The buyer has retained a licensed designer and has obtained all necessary approvals from the NHDES and Local Land Use Boards.
2. The buyer will provide WAI with copies of the plans approved by NHDES
3. The buyer has or will have retained a qualified installer licensed by the State to install Subsurface Disposal Systems prior to system installation.
4. This agreement contains a required maintenance schedule. Failure to perform the required maintenance could result in premature failure of the dispersal field and void the warranty of system and system components

WASTEWATER ALTERNATIVES, INC
2 Whitney Road – Suite 10
Concord, NH 03301
Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 369-4747
www.thecleansolution.com email: gary@thecleansolution.com

SYSTEM COMPONENTS PROVIDED BY WAI:

WAI will provide the following system components as shown on the attached design schematic and specifications. These components shall be installed as shown on the design plans by a qualified installer licensed by the State of NH to install Subsurface Disposal Systems.

1. A 3,000 *gal* 3-*compartment (*1500/800/680*)* H-20 loaded [PHOENIX concrete tank with tank manufacturer applied PPS 922 Superseal] BioCon™ tank to function as an aerobic treatment tank and settling tank to be placed in series with a proposed septic tank.
2. Cast Iron access covers provided by WAI. Site contractor shall provide all risers as necessary. Contractor shall ensure that all risers are watertight and that all screws and gaskets are in place and that the cover(s) have been secured. If concrete risers, covers or cast iron covers are used contractor shall use water plug or an equivalent method to ensure water tightness.

WAI will provide the following system components and labor to install components as shown in the attached design schematic and specifications:

1. 180 cf Plastic Media in BioCon™ Chamber
2. 4 – SL44 Compressors - Owner and WAI will mutually determine placement of the compressor. Compressor needs to be within 50' of the BioCon tank.
3. Oxygen transfer system.
4. Baffles within BioCon™ Chamber and settling tank.

Electrical Requirements to be provided by Owner:

1. **Owner or Owner's contractor shall be responsible for hiring a licensed electrician.**
2. A 120-volt outlet, non-ground fault circuit capable of supplying (x) amp continuously for each compressor and that meets current electrical codes adopted by The State of NH or local Municipality. Location of the outlet(s) shall be within 50' of the BioCon Chamber.

Following not provided by WAI:

1. Septic tank(s), Grease Trap(s), Pump Station or pumps.
2. H-20 rated risers to finish grade.
3. Exterior housing unit for the compressor(s).
4. Exterior Venting may be required for systems where effluent is pumped to ***THE CLEAN SOLUTION*** system**.**
5. Provisions for placement of the compressor more than 50' from the BioCon.
6. Excavation for any system components.
7. Crane to set tanks.
8. Sleeves for Airlines from Tanks to Compressor housing.

WASTEWATER ALTERNATIVES, INC
2 Whitney Road – Suite 10
Concord, NH 03301
Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 369-4747
www.thecleansolution.com email: gary@thecleansolution.com

OWNER HAS THE FOLLOWING UNDERSTANDING

THE CLEAN SOLUTION system has been designed based information provide by the owner(s) or owner(s) designer/engineer. Failure to install the subsurface disposal system according to the approved plan will void system warranty and performance specifications. The owner(s) contractor shall ensure that all risers are water tight all system components, both upstream and downstream of ***THE CLEAN SOLUTION*** system are watertight to prevent infiltration from groundwater and surface runoff. ***THE CLEAN SOLUTION*** system has not been designed to handle backwash discharge from Water Softeners WAI recommends that backwash discharge or water from high water use fixtures be discharged into an approved drywell. If the septic system requires an effluent pump to be used to discharge effluent to the dispersal field, WAI recommends that the pump be placed in a separate pump tank external of ***THE CLEAN SOLUTION*** system on an 8" high concrete block. The pump chamber shall be inspected on a two-year cycle for sludge buildup and pumped as necessary to prevent sludge from being pumped to the dispersal field. If the effluent pump is placed within ***THE CLEAN SOLUTION*** system-settling tank then the pump shall be placed on a concrete block that is 12" high and the settling chamber shall be inspected on a yearly basis for sludge buildup and pumped as necessary to prevent sludge from being pumped to the dispersal field. More frequent inspections and pumping may be required based on system loading and occupant use.

PERFORMANCE SPECIFICATIONS:

This system has been designed based on the following influent strength from the primary treatment tanks (grease(s) / septic(s)) (actual) of 280 mg/l BOD_5, 110 TSS and 25 mg/l FOG. The system is warranted to discharge effluent to the dispersal field, equivalent to 30mg/l BOD_5, 30mg/l TSS based on (actual) wastewater strength and design flows provided by designer

RIGHTS TO DATA AND ACCESS TO THE SYSTEM

WAI reserves the right of reasonable access to collect data, modify, maintain and repair ***THE CLEAN SOLUTION*** and its subsystems. WAI will retain all data collected and the rights to it.

DELIVERY

WAI will be prepared to install the system approximately 3 weeks after you have chosen an installer and returned a signed copy of this agreement with the initial payment to WAI. **It is important that WAI be able to coordinate with the installer. Owner to provide WAI with the installer's contact information.**

TRADE SECRETS

THE CLEAN SOLUTION is the result of the expenditure of much effort and money. The design of the components and operational cycle are the intellectual property of WAI and may not be revealed without written permission.

WASTEWATER ALTERNATIVES, INC
2 Whitney Road – Suite 10
Concord, NH 03301
Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 369-4747
www.thecleansolution.com email: gary@thecleansolution.com

LIMITED WARRANTY

For a period of 5 years from the date of installation, WAI warrants to the original purchaser and to successor owners within the warranty period that the components within BioCon chamber will be free from defects in material and workmanship. If a defect exists, WAI will repair or replace any of these components, including parts and labor by WAI, at no cost to the owner. This limited warranty does not cover pumping the system to make necessary repairs, or the cost for excavation to replace or make repairs, or replacement of landscaping features. This limited warranty does not cover failure of the dispersal field(s) (i.e. fabric style leaching component, pipe and stone, chambers).

For compressors that have been maintained and used under normal operating conditions, WAI extends the compressor manufacturer's warranty from one year to two years. Labor to replace compressors will be billed out at WAI standard hourly rates.

EXCLUSIONS AND LIMITATIONS

This limited warranty for pump chamber components (pump, floats, alarms) supplied by WAI is limited to the pump / floats / alarm manufacturer's terms and conditions. Labor to replace effluent pump / floats / alarms will be billed out at WAI standard hourly rates.

It is the owner's responsibility to perform the required maintenance and have an inspection contract with WAI or an approved vendor in effect at all times. It is the owner's responsibility to ensure that inspections have been performed by WAI or approved vendor. Failure to perform the required maintenance, have an inspection contract, and maintain records of pumping or to notify WAI of any problems will void this limited warranty. This limited warranty also does not cover damage caused by improper use, poor construction or design practices, high groundwater, flooding, or acts of God.

THIS LIMITED WARRANTY IS IN LIEU OF AND SUPERCEDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED.

*WASTEWATER ALTERNATIVES INC. SHALL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, NOR SHALL WASTEWATER ALTERNATIVES, INC. LIABILITY UNDER THIS WARRANTY EXCEED THE PRICE PAID BY THE BUYER TO WASTEWATER ALTERNATIVES, INC. FOR **THE CLEAN SOLUTION SYSTEM**.*

WASTEWATER ALTERNATIVES, INC

2 Whitney Road – Suite 10
Concord, NH 03301
Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 369-4747
www.thecleansolution.com email: gary@thecleansolution.com

PAYMENT

The agreed upon price for the WAI equipment and services detailed in the Sales Agreement is **$17,085.00.00. ELECTRICAL WORK NOT INCLUDED IN PRICE.**
($300.00 fee applied to price for tank sealing)
$ 17,085.00 – ($7000.00 Credit Paid in 2009) = $ 10,085.00 Total Due

Payment is requested as follows:
$ Paid upon signing this agreement
$ 5,042.50 upon WAI ordering system components
$ 5,042.50 immediately upon WAI installing system components.
Ownership will transfer to the buyer upon final payment. Failure to pay WAI will void all warrantees.

If site conditions require that the WAI technician return to complete the scheduled installation, Buyer agrees to pay Service Call fees of $ 200.00 per visit for subsequent visit(s). Failure to pay WAI in full will void all warrantees. In the event of failure to pay, Buyer agrees to pay all costs and expenses incurred by WAI, including all reasonable attorney fees, and including all collection charges (including a percentage of the outstanding balance of this Contract) should the account be referred to a collection agency.

The price does not include excavation to install the components of this system, dispersal field (leach field), or connections from the building / tanks to or from ***THE CLEAN SOLUTION*** or to the dispersal field. This price does not include additional septic tank(s), grease trap(s), compressor shed or other components required by NH Department of Environmental Services – Subsurface Bureau.

THIS PRICE IS VALID FOR 60 DAYS FROM THE DATE OF THIS DOCUMENT. ALL SYSTEMS COMPONENTS MUST BE INSTALLED WITHIN 60 DAYS OF INITIAL DEPOSIT.

Please send payment to:
Wastewater Alternatives Inc.
2 Whitney Road – Suite 10
Concord, NH 03301

If Paying by Credit Card please call
WAI Accounting Department
603-369-4777

By signing below the owner or owner's representative has read the SALES AGREEMENT and attached INSPECTION CONTRACT requirements and agrees to the terms of the SALES AGREEMENT and to perform the necessary maintenance and inspections as outlined in the INSPECTION CONTRACT.

ACCEPTED BY:

DATE:
Lucas Holding Co., LLC
c/o Dave Kohlhase
121 Lafayette Road, Box 12
N. Hampton, NH 03862

WASTEWATER ALTERNATIVES, INC

2 Whitney Road – Suite 10, Concord, NH 03301

Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 783-4499
www.the cleansolution.com email: gary@thecleansolution.com

COMMERCIAL
INSPECTION CONTRACT
March 23, 2013

BUYER:	
Name:	Lucas Holding Co., LLC c/o Dave Kohlhase
Address:	121 Lafayette Road, Box 12
City, State Zip:	N. Hampton, NH 03862
Phone:	
Cell:	
Email:	
OWNER-IF DIFFERENT:	
Name:	~Same~
Address:	
City, State Zip:	
Phone:	
Cell:	
Email:	

SITE:	
Property ID:	Tax Map 13, Lot 74-1 Danielle Lucas Business Park
Address:	121-123 Lafayette Road
City, State, Zip:	N. Hampton, NH
Waterbody:	N/A
Property Type:	
Commercial:	Yes
Residential Community:	No
Code:	C

MAINTENANCE REQUIRED:

The following maintenance is required. It is the owner's responsibility to see that this maintenance is performed.

☒ **Commercial Use**

1. Property that discharges low strength wastewater (i.e. residential) an annual inspection by a WAI Technician or by a company or individual that has been certified by WAI to perform inspections is required.
2. Property that discharges high strength wastewater (i.e restaurants – coffee shops – ice cream parlor) an inspection by a WAI Technician or by a company or individual that has been certified by WAI to perform an inspection, 6 and 12 months from the date of the initial installation. After the first year an annual inspection must be completed by a WAI Technician or by a company or individual that has been certified by WAI to perform an inspection. Inspection schedule may be modified by WAI based on system function.
3. Pump out the septic tank(s) on a two-year cycle for low strength wastewater and on an annual cycle for high strength wastewater. Depending upon use more frequent pumping may be required. Owner to schedule and pay for pumping cost. Owner must retain all pumping records.
4. Pump-out schedule for the settling chamber and pump chamber (if equipped) will be determined at initial pumping. Frequency of pumping is dependent upon use and may need to be increased as use changes or flow increases. System shall be pumped on a 2-year cycle at a minimum. Property owner must retain pumping records.
5. Owner or owner representative must inspect grease trap(s) every 2 months and pump as necessary.
6. Compressor(s) must run continuously. Owner to check compressor(s) at least once a month.

WASTEWATER ALTERNATIVES, INC
2 Whitney Road – Suite 10, Concord, NH 03301

Telephone: 603-783-8042 Toll Free: (866) 900-2415 Fax (603) 783-4499
www.the cleansolution.com email: gary@thecleansolution.com

7. BioCon chamber may require pumping between 4 and 6 years. WAI Technician will determine if pumping is necessary during annual inspection.
8. Compressor Air Filter to be cleaned or replaced yearly.
9. Wastewater sampling shall be completed at the following frequency:
    a. Restaurants – every 6 months for the first year. Sampling on an annual basis after first year. Frequency of sampling may be revised. Change in frequency of wastewater sampling may only be changed by WAI.
    b. Residential Community Systems – 12 months from initial startup. Frequency of sampling every 2 years after first year may be revised. Change in frequency of wastewater sampling may only be changed by WAI.
    c. All other commercial systems – every 12 months. Frequency of sampling may be revised. Change in frequency of wastewater sampling may only be changed by WAI.

Following the above schedule will fulfill your obligations to maintain your warranty.

The first inspection is included in the sales price. Maintenance Contracts are available from WAI. The service will include a detailed inspection of the system and replacement of any failed items within the BioCon Chamber. Tank pumping is not included in the price and must be arranged by the property owner. Failure to have a maintenance agreement with WAI or an approved vendor will void maintenance warranty outlined in the **Sales Agreement.**

INSPECTION FEE SCHEDULE
Restaurant inspections – fee is **$250.00** per inspection plus cost of wastewater sampling.

All other commercial projects – fee is **$200.00** annually plus cost of wastewater sampling.

Inspection fees may be revised by WAI as needed to adjust cost of services. WAI to notify owner of any cost increases. Inspection fees will be billed at time of service. Failure to perform inspection or pay for inspection will void WAI warranty.

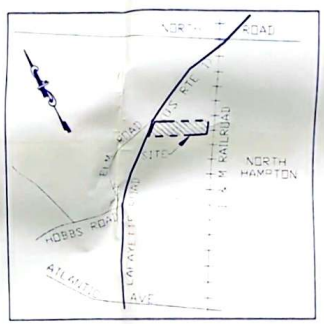
By signing below the owner or owner's representative has read the above Maintenance requirements and conditions outlined in the SALES AGREEMENT and agrees to perform the necessary maintenance and inspections as outlined.

ACCEPTED:
BUYER:

Lucas Holding Co., LLC
c/o Dave Kohlhase
121 Lafayette Road, Box 12
N. Hampton, NH 03862

DATE:

KOHLHASE PROPERTY
TAX MAP LOT 74 & 75
NORTH HAMPTON, N.H.



LOCUS MAP

SHEET INDEX

A1	LOT LINE ADJUSTMENT & SUBDIVISION
C1	EXISTING CONDITIONS
C2	SITE PLAN
C3	DETAILED SITE PLAN
C4	GRADING, SEDIMENT & EROSION CONTROL PLAN
C5	LIGHTING & LANDSCAPE PLAN
D1	DETAIL PLAN
E1	EROSION & SEDIMENT CONTROL DETAILS

ENGINEER:

JONES & BEACH ENGINEERS, INC.
P.O. BOX 219
85 PORTSMOUTH AVE.
STRATHAM, N.H. 03885
PH. 603-772-4746
FAX 772-0227

DEVELOPER::

David Kohlhase
P.O. Box 564
North Hampton, NH 03862

AQUARION
Water Company

FAX

Date: 4/20/12
To: Meghan
Fax: 603-964-7800
From: Aquarion Water
CC:
Fax: 603-926-4356
Pages: 13 - total
Subject: 121 Lafayette

If you have problems receiving this fax please call our office at : 603-926-3319

MESSAGE:

Water Usage for 2011

eastern analytical

Gary R. Spaulding
Wastewater Alternatives, Inc.
2 Whitney Rd. Suite 10
Concord , NH 03301

ACCREDITED IN ACCORDANCE WITH nelac

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 109774
Client Identification: Lucus
Date Received: 4/30/2012

Dear Mr. Spaulding :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:
Solid samples are reported on a dry weight basis, unless otherwise noted
< : "less than" followed by the reporting limit
> : "greater than" followed by the reporting limit
%R : % Recovery

Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

5.9.12
Date

4
# of pages (excluding cover letter)

Water Consumption

High consumption of good-quality water is characteristic of beer brewing. More than 90 percent of beer is water and an efficient brewery will use between 4–7 liters (l) of water to produce 1l of beer.4 In addition to water for the product, breweries use water for heating and cooling, cleaning packaging vessels, production machinery and process areas, cleaning vehicles, and sanitary water. Water is also lost through wort boiling and with spent grains. Large quantities of good-quality water are needed for beer brewing. More than 90 percent of beer is water and an efficient brewery will use between 4–7 liters (l) of water to produce one liter of beer.5 In addition to water for the product, breweries use water for heating and cooling, cleaning packaging vessels, production machinery and process areas, cleaning vehicles, and sanitation. Also water is lost through wort boiling and with spent grains.

BLDG 2

UIT	avg	high avg
1	35	107
2	Empty	
3		218
4		
5	45	205
6 7	172	266
8		
9	55	189

1 m^3 = 35,3 CF

Breweries

Industry Description and Practices

Beer is a fermented beverage with low alcohol content made from various types of grain. Barley predominates, but wheat, maize, and other grains can be used. The production steps include:

- *Malt production and handling:* grain delivery and cleaning; steeping of the grain in water to start germination; growth of rootlets and development of enzymes (which convert starch into maltose); kilning and polishing of the malt to remove rootlets; storage of the cleaned malt
- *Wort production:* grinding the malt to grist; mixing grist with water to produce a mash in the mash tun; heating of the mash to activate enzymes; separation of grist residues in the lauter tun to leave a liquid wort; boiling of the wort with hops; separation of the wort from the trub/hot break (precipitated residues), with the liquid part of the trub being returned to the lauter tub and the spent hops going to a collection vessel; and cooling of the wort
- *Beer production:* addition of yeast to cooled wort; fermentation; separation of spent yeast by filtration, centrifugation or settling; bottling or kegging.

Water consumption for breweries generally ranges 4–8 cubic meter per cubic meter (m^3/m^3) of beer produced. Water consumption for individual process stages, as reported for the German brewing industry, is shown in Table 1.

Waste Characteristics

Breweries can achieve an effluent discharge of 3–5 m^3/m^3 of sold beer (exclusive of cooling waters). Untreated effluents typically contain suspended solids in the range 10–60 milligrams per liter (mg/l), biochemical oxygen demand (BOD) in the range 1,000–1,500 mg/l, chemical oxygen demand (COD) in the range 1,800–3,000 mg/l, and nitrogen in the range 30–100 mg/l. Phosphorus can also be present at concentrations of the order of 10–30 mg/l.

Effluents from individual process steps are variable. For example, bottle washing produces a large volume of effluent that, however, contains only a minor part of the total organics discharged from the brewery. Effluents from fermentation and filtering are high in organics and BOD but low in volume, accounting for about 3% of total wastewater volume but 97% of BOD. Effluent pH averages about 7 for the combined effluent but can fluctuate from 3 to 12 depending on the use of acid and alkaline cleaning agents. Effluent temperatures average about 30°C.

Table 1. Water Consumption Reported for the German Brewing Industry
(m^3/m^3 of sold beer; numbers in parentheses are ranges)

Process step	*Water consumption*
Gyle (unfermented wort) to whirlpool	2.0 (1.8– 2.2)
Wort cooling	0.0 (0.0– 2.4)
Fermentation cellar and yeast treatment	0.6 (0.5– 0.8)
Filter and pressure tank room	0.3 (0.1– 0.5)
Storage cellar	0.5 (0.3– 0.6)
Bottling (70% of beer produced)	1.1 (0.9– 2.1)
Barrel filling (30% of beer produced)	0.1 (0.1– 0.2)
Wastewater from cleaning of vehicles, sanitary use, etc.	1.5 (1.0– 3.0)
Steam boiler	0.2 (0.1– 0.3)
Air compressor	0.3 (0.1– 0.5)
Total	6.6 (4.9–12.6)

Note: Numbers have been rounded.

Building 2

1. Relco ✓ ✓
2. - Lucas Holding / EBARN. empty was Dawes before 5/01/10
3. - Throwback Brewery ✓ was Accutech then em
4. - Lucas Holding / EBARN empty empty 4/25
5. - Ken Bean Assoc. ✓
6/7. - Lifeline Ambulance → billed to Lucas Holding
8. - ~~Bluefish~~ Lucas Holding now ✓ ~~Dawes~~ empty DRAGOR
9. - Bluefish Granite ✓ ✓

Electric Barn

Lucas Holding (
Electric Barn Bldg 1

Accutech
6 total
CCF
9/25/2009 - 2/28/2010
Verbal from Yvonne at Aquarion

AQUARION
Water Company

FAX

Date: 3/8/13

To: Meghan

Fax: 603-964-7802

From: Yvonne

CC:

Fax: 603-926-4356

Pages: 10 - total (including this page)

Subject:

2013

If you have problems receiving this fax please call our office at : 603-926-3319

MESSAGE:

Stockton Services
PO Box 1306
Hampton, NH 03843-1306
603 929-7404

Eric Thomas
NHDES-Subsurface Bureau
PO Box 95
Concord, NH 03302-0095

March 27, 2013
Re: Failed system, Danielle Lucas Business Park
121-123 Lafayette Road, North Hampton

Dear Eric:

I am assuming you will be reviewing these plans since you reviewed the previous (2009) submittal, and also since we have had some discussion about the property in recent months. As noted on the plans, a replacement system was approved for this property in 2009. The installation was not completed at that time and the approval expired. For reasons I do not understand, the Town of North Hampton allowed a startup microbrewery to open in this complex. Having assumed that the system had been replaced in 2009, I was contacted last spring and advised that the original septic system was "acting up" again. I informed the property owner that the microbrewery was not an approved use for that situation. He indicated that their lease was ending in November and that the tenant was looking for other space anyway, at which point I consulted with you as to the best course of action. We agreed that it would be better to limp through the fall and replace the system after the brewery vacated. They have purchased the Hobbs farm in North Hampton and are in the process of getting the required approvals to move to that location. Their engineering firm has estimated that septic design plans should be filed with DES in the next month or two. Accordingly, I think the time has come to resubmit for our "renewed" replacement system approval. There have been only two substantive changes from the plans that were approved in 2009. They are: a) the addition of a new 1000 gallon tank serving the northerly building, and b) and an increase in the tank size and biocon volume for the Clean Solution system. The dispersal area specifications are unchanged. Water usage figures have been reevaluated and confirmed as falling within the original approved design loading parameters. Two of the units in the northerly building are currently being used for storage only and the property owner has been instructed not to lease them for any other use until the brewery has vacated the premises.
Thank you, and please call if you have any other questions.

Tooky

Anne W. Bialobrzeski
NH Designer Permit #348
Stockton Services
603 929-7404

The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner

February 03, 2009

STOCKTON SERVICES
PO BOX 1306
HAMPTON NH 03843-1306

RE: WN: 200900209, Lucas Holding Co Llc, Map/Lot: 13 / 74-1, North Hampton

Dear Designer:

A review of the information you provided for this proposed disposal system has been completed. We regret to inform you that this plan is disapproved at this time. However, if the following items are addressed, we will reconsider the application:

Please verify the well location and show a 100' well radius maintained on lot. Please provide a water supply permit. WELL IS SHOWN, NON-POTABLE USES ONLY NOT
Please provide a nitrate easement. ATTACHED
Please provide ties to the field. DONE
Please provide the town stamp on the revised prints. ✓
Are there any cafateria's in either building? Please provide grease traps if applicable.
NO CAFETERIAS

If you have any questions, please respond to me at the address below.

REVISED APPLICATION ATTACHED SHOWING MUNICIPAL WATER SUPPLY

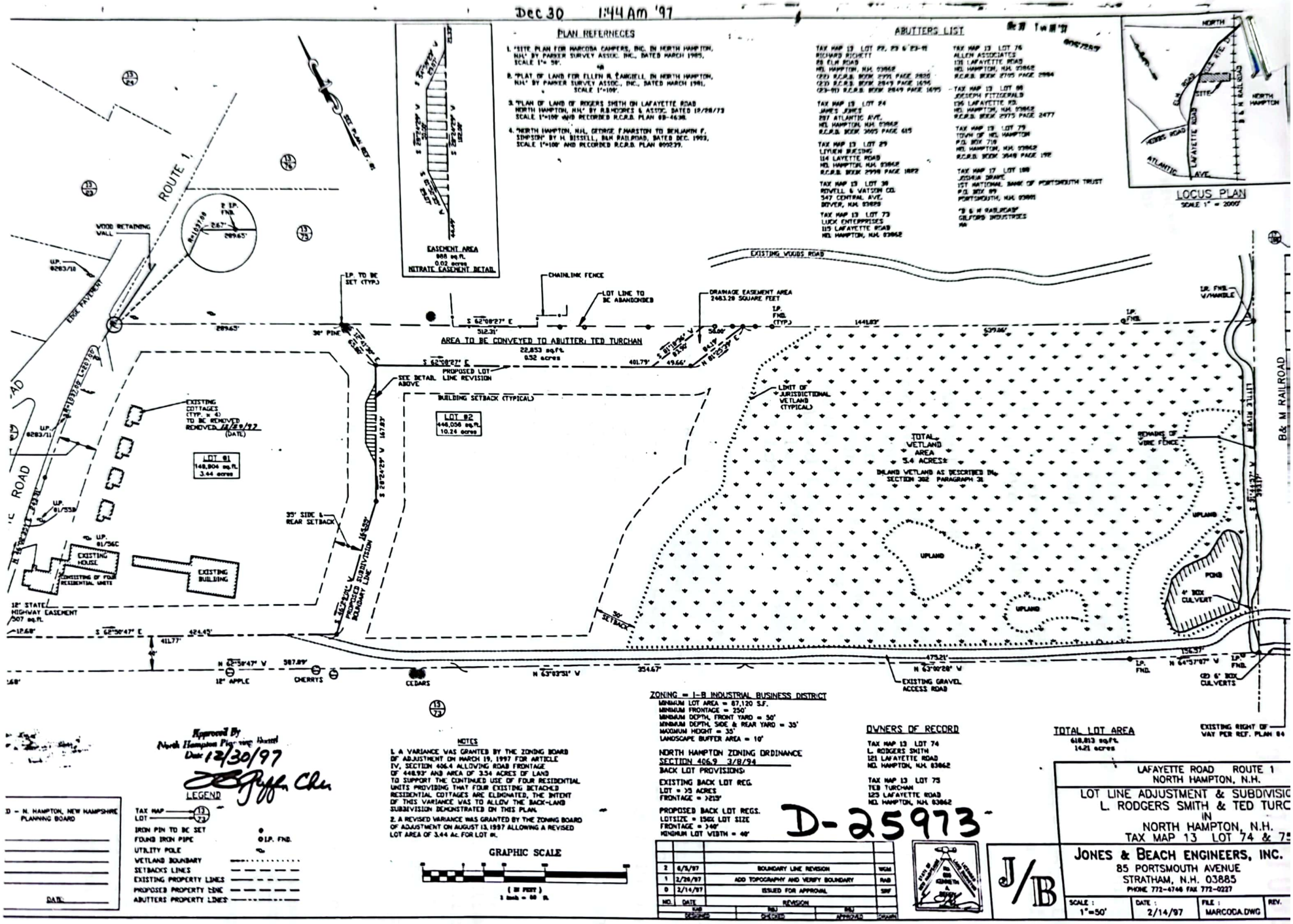
Sincerely,

Eric Thomas

Eric J. Thomas
Subsurface Systems Bureau
Water Division

cc: Designer File # 00348

Dec 30 1:44 Am '97


PLAN REFERENCES
1. "SITE PLAN FOR MARCOSA CAMPERS, INC. IN NORTH HAMPTON, N.H." BY PARKER SURVEY ASSOC. INC., DATED MARCH 1985, SCALE 1"= 50'.
2. "PLAT OF LAND FOR ELITH A. TANGELL IN NORTH HAMPTON, N.H." BY PARKER SURVEY ASSOC., INC., DATED MARCH 1981, SCALE 1"=100'.
3. "PLAN OF LAND OF ROGERS SMITH ON LAFAYETTE ROAD NORTH HAMPTON, N.H." BY R.B.MOORES & ASSOC. DATED 12/28/73 SCALE 1"=100' AND RECORDED R.C.R.D. PLAN 09-4638.
4. "NORTH HAMPTON, N.H., GEORGE F.MARSTON TO BENJAMIN F. SIMPSON" BY H. BISSELL, B&M RAILROAD, DATED DEC. 1903, SCALE 1"=100' AND RECORDED R.C.R.D. PLAN 009239.
ABUTTERS LIST
TAX MAP 13 LOT 72, 73 & 73-1
RICHARD RICHETT
88 ELM ROAD
NO. HAMPTON, N.H. 03862
(72) R.C.R.D. BOOK 2795 PAGE 2830
(73) R.C.R.D. BOOK 2949 PAGE 1695
(73-1) R.C.R.D. BOOK 2949 PAGE 1695
TAX MAP 13 LOT 74
JAMES JONES
287 ATLANTIC AVE.
NO. HAMPTON, N.H. 03862
R.C.R.D. BOOK 3005 PAGE 615
TAX MAP 13 LOT 29
LITVEN BUILDING
114 LAYETTE ROAD
NO. HAMPTON, N.H. 03862
R.C.R.D. BOOK 2998 PAGE 1892
TAX MAP 13 LOT 30
ROWELL & WATSON CO.
547 CENTRAL AVE.
DOVER, N.H. 03820
TAX MAP 13 LOT 73
LUCK ENTERPRISES
115 LAFAYETTE ROAD
NO. HAMPTON, N.H. 03862
TAX MAP 13 LOT 75
ALLEN ASSOCIATES
131 LAFAYETTE ROAD
NO. HAMPTON, N.H. 03862
R.C.R.D. BOOK 2795 PAGE 2984
TAX MAP 13 LOT 86
JOSEPH FITZGERALD
136 LAFAYETTE RD.
NO. HAMPTON, N.H. 03862
R.C.R.D. BOOK 2975 PAGE 2477
TAX MAP 13 LOT 79
TOWN OF NO. HAMPTON
P.O. BOX 719
NO. HAMPTON, N.H. 03862
R.C.R.D. BOOK 3049 PAGE 192
TAX MAP 17 LOT 198
JOSHUA SHARE
1ST NATIONAL BANK OF PORTSMOUTH TRUST
P.O. BOX 99
PORTSMOUTH, N.H. 03801
"B & M RAILROAD"
GILFORD INDUSTRIES
NA
LOCUS PLAN
SCALE 1" = 2000'
NORTH
SITE
NORTH HAMPTON
ROBIE ROAD
LAFAYETTE ROAD
ATLANTIC AVE.
ROUTE 1
EASEMENT AREA
888 sq.ft.
0.02 acres
NITRATE EASEMENT DETAIL
WOOD RETAINING WALL
EDGE PAVEMENT
U.P. 8283/18
U.P. 8283/11
U.P. 81/558
U.P. 81/560
EXISTING COTTAGES (TYP. x 4) TO BE REMOVED
REMOVED 12/29/97 (DATE)
EXISTING HOUSE
(EXISTING OF FOUR RESIDENTIAL UNITS)
EXISTING BUILDING
12' STATE HIGHWAY EASEMENT 507 sq.ft.
LOT 81
148,804 sq.ft.
3.44 acres
LOT 82
444,056 sq.ft.
10.24 acres
I.P. TO BE SET (TYP.)
CHAINLINK FENCE
LOT LINE TO BE ABANDONED
DRAINAGE EASEMENT AREA
2483.29 SQUARE FEET
I.P. FND. (TYP.)
EXISTING WOODS ROAD
AREA TO BE CONVEYED TO ABUTTER: TED TURCHAN
22,853 sq.ft.
0.52 acres
PROPOSED LOT LINE REVISION
SEE DETAIL ABOVE
BUILDING SETBACK (TYPICAL)
LIMIT OF JURISDICTIONAL WETLAND (TYPICAL)
TOTAL WETLAND AREA 5.4 ACRES±
INLAND WETLAND AS DESCRIBED IN SECTION 282 PARAGRAPH 2B
REMAINS OF WIRE FENCE
UPLAND
POND
4' BOX CULVERT
35' SIDE & REAR SETBACK
PROPOSED SUBDIVISION BOUNDARY LINE
30' SETBACK
EXISTING GRAVEL ACCESS ROAD
(2) 6' BOX CULVERTS
LITTLE RIVER
B& M RAILROAD
EXISTING RIGHT OF WAY PER REF. PLAN 84
12" APPLE
CHERRYS
CEDARS
S 62°08'27" E 512.31'
S 62°08'27" E 401.79'
S 28°24'29" W 167.83'
S 62°50'47" E 424.45'
N 63°58'47" W 387.89'
N 63°03'51" W 354.67'
N 63°00'28" W 475.21'
N 64°57'07" W 154.37'
S 61°12'37" W 1186'
S 62°08'27" E 144.83'
S 61°12'37" W 49.66'
N 61°12'37" E 84.19'
S 61°12'37" W 84.19'
S 62°08'27" E 30.00'
S 62°08'27" E 639.66'
S 62°50'47" E 411.77'
S 62°50'47" E 12.68'
30" PINE
LP. FND. W/MANHOLE
LP. FND.
LP. TO BE SET
LP. FND.

ZONING = I-B INDUSTRIAL BUSINESS DISTRICT
MINIMUM LOT AREA = 87,120 S.F.
MINIMUM FRONTAGE = 250'
MINIMUM DEPTH, FRONT YARD = 50'
MINIMUM DEPTH, SIDE & REAR YARD = 35'
MAXIMUM HEIGHT = 35'
LANDSCAPE BUFFER AREA = 10'

NORTH HAMPTON ZONING ORDINANCE
SECTION 406.9 3/8/94
BACK LOT PROVISIONS:
EXISTING BACK LOT REG.
LOT = 25 ACRES
FRONTAGE = >215'
PROPOSED BACK LOT REGS.
LOTSIZE = 150± LOT SIZE
FRONTAGE = >40'
MINIMUM LOT WIDTH = 40'

OWNERS OF RECORD
TAX MAP 13 LOT 74
L. RODGERS SMITH
121 LAFAYETTE ROAD
NO. HAMPTON, N.H. 03862
TAX MAP 13 LOT 75
TED TURCHAN
125 LAFAYETTE ROAD
NO. HAMPTON, N.H. 03862

TOTAL LOT AREA
618,813 sq.ft.
14.21 acres

NOTES
1. A VARIANCE WAS GRANTED BY THE ZONING BOARD OF ADJUSTMENT ON MARCH 19, 1997 FOR ARTICLE IV, SECTION 406.4 ALLOWING ROAB FRONTAGE OF 448.93' AND AREA OF 3.54 ACRES OF LAND TO SUPPORT THE CONTINUED USE OF FOUR RESIDENTIAL UNITS PROVIDING THAT FOUR EXISTING DETACHED RESIDENTIAL COTTAGES ARE ELIMINATED, THE INTENT OF THIS VARIANCE WAS TO ALLOW THE BACK-LAND SUBDIVISION DEMONSTRATED ON THIS PLAN.
2. A REVISED VARIANCE WAS GRANTED BY THE ZONING BOARD OF ADJUSTMENT ON AUGUST 13, 1997 ALLOWING A REVISED LOT AREA OF 3.44 AC. FOR LOT 81.

GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

Approved By
North Hampton Planning Board
Date 12/30/97
Jeffrey Chen

LEGEND
TAX MAP 13 LOT 73
IRON PIN TO BE SET
FOUND IRON PIPE ⊙I.P. FND.
UTILITY POLE
WETLAND BOUNDARY
SETBACKS LINES
EXISTING PROPERTY LINES
PROPOSED PROPERTY LINE
ABUTTERS PROPERTY LINES

D - N. HAMPTON, NEW HAMPSHIRE PLANNING BOARD
DATE

D-25973

NO.	DATE	REVISION	BY	APPROVED
2	6/3/97	BOUNDARY LINE REVISION	WGM	
1	2/28/97	ADD TOPOGRAPHY AND VERIFY BOUNDARY	RAB	
0	2/14/97	ISSUED FOR APPROVAL	SBF	

DESIGNED: RAB DRAWN: RBJ CHECKED: RBJ APPROVED:

J/B

LAFAYETTE ROAD ROUTE 1
NORTH HAMPTON, N.H.

LOT LINE ADJUSTMENT & SUBDIVISIO
L. RODGERS SMITH & TED TURC
IN
NORTH HAMPTON, N.H.
TAX MAP 13 LOT 74 & 75

JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVENUE
STRATHAM, N.H. 03885
PHONE 772-4746 FAX 772-0227

SCALE :	DATE :	FILE :	REV.
1"=50'	2/14/97	MARCOSA.DWG	

ROCKINGHAM COUNTY
REGISTRY OF DEEDS

APR 28 9 43 AM '98 00257737

QUITCLAIM DEED

KNOW EVERYONE BY THESE PRESENTS, that I, David Kohlhase, a married person of Lafayette Road, Town of North Hampton, County of Rockingham, State of New Hampshire,

FOR CONSIDERATION PAID, grants to the Lucas Holding Co., LLC of 53 Perkins Road, Town of Rye, County of Rockingham, State of New Hampshire,

WITH QUITCLAIM COVENANTS, the following described premises:

A certain tract or parcel of land located in the Town of North Hampton, County of Rockingham and State of New Hampshire, depicted as Lot #2 on a plan of land entitled, "Lot Line Adjustment & Subdivision for L. Rodgers Smith & Ted Turchan in North Hampton, N.H. Tax Map 13, Lot 74 & 75," prepared by Jones & Beach Engineers, Inc., dated February 14, 1997, revised October 5, 1997, and recorded in the Rockingham County Registry of Deeds as Plan No. D-25973, said Lot #2 being more particularly bounded and described as follows:

Beginning at a point along the southerly sideline of Lafayette Road (Route 1) and the westerly corner of the 12' State Highway Easement, as shown on said Plan; thence running along Lafayette Road N 46° 02' 35" E, a distance of 42.28 feet to an iron pin at the westerly corner of Lot #1 as shown on said Plan; thence turning and running along Lot #1, S 62° 50' 47" E, a distance of 12.68 feet to a point; thence continuing still along Lot #1, S 62° 50' 47" E, a distance of 411.77 feet to an iron pin; thence turning and running N 46° 29' 01" E, a distance of 165.55 feet along the "Proposed Subdivision Boundary Line," as shown on said Plan, to an iron pin; thence turning and running still along Lot #1 and proposed boundary line, N 28° 24' 29" E, a distance of 167.83 feet to an iron pin at a point along the "Area to be Conveyed to Abutter," as shown on said Plan; thence turning and running along said "Area to be Conveyed" S 62° 08' 27" E, a distance of 451.45 feet including a drainage easement area as depicted on said Plan and to a point; thence turning and running along said drainage easement area N 81° 25' 39" E, a distance of 84.19 feet to a point; thence turning and running along Tax Map 13, Lot 75 and land of the abutter, S 62° 08' 27" E, a distance of 639.06 feet past an iron pin (found) to an iron rod with handle (found) at property near the Boston and Maine Railroad and more or less along Little River, thence turning and running along the existing right of way (wherein the Plan references Plan #4) in a course S 31° 44' 57" W, a distance of 393.17 feet to an iron pin (found) near two six foot box culverts thence turning and running N 64° 57' 07" W, a distance of 156.57 feet to an iron pipe (found), thence running along existing gravel access road and including part of same N 63° 00' 28" W, a distance of 475.21 feet to a point; thence continuing along said line N 63° 03' 51" W, a distance of 354.67 feet to Cedars; thence running N 62° 50' 47" W, a distance of 587.89 feet and past 12' apple and cherry

NITRATE EASEMENT

trees to a point; thence running along the same course a distance of 12.68 feet to the point of beginning.

Said Lot #2 containing 446,056 square feet, or 10.24 acres, more or less.

Subject to the conditions as noted on said Plan.

TOGETHER WITH a nitrate easement for the benefit of Lot #2, for the purpose of leaching septic system effluent from Lot #2 over and through the easement area located on Lot #1 depicted on said Plan as "Nitrate Easement Area", being more particularly bounded and described as follows:

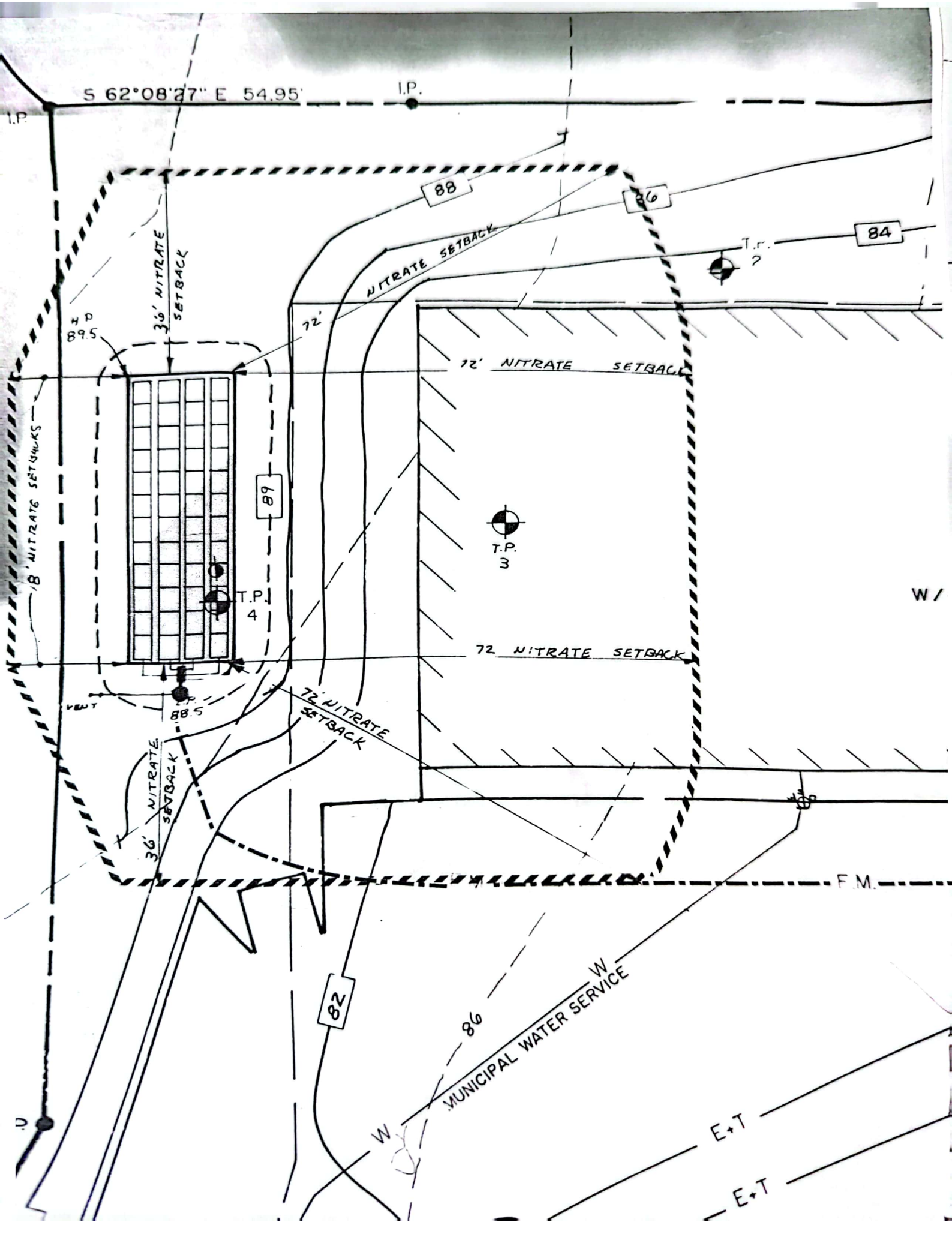
Beginning a point along the "Proposed Subdivision Boundary Line" being the boundary line between Lots #1 and #2 as shown on the Plan; thence turning and running along said boundary line S 28° 24' 29" W a distance of 102.00 feet; thence turning and running N 01° 50' 35" E a distance of 29.07 feet to a point; thence running N 28° 24' 29" E a distance of 50.00 feet; thence turning and running N 54° 58' 23" E a distance of 29.07 feet to the point and place of beginning. Said Nitrate Easement Area containing 988 square feet, or 0.02 acres, more or less.

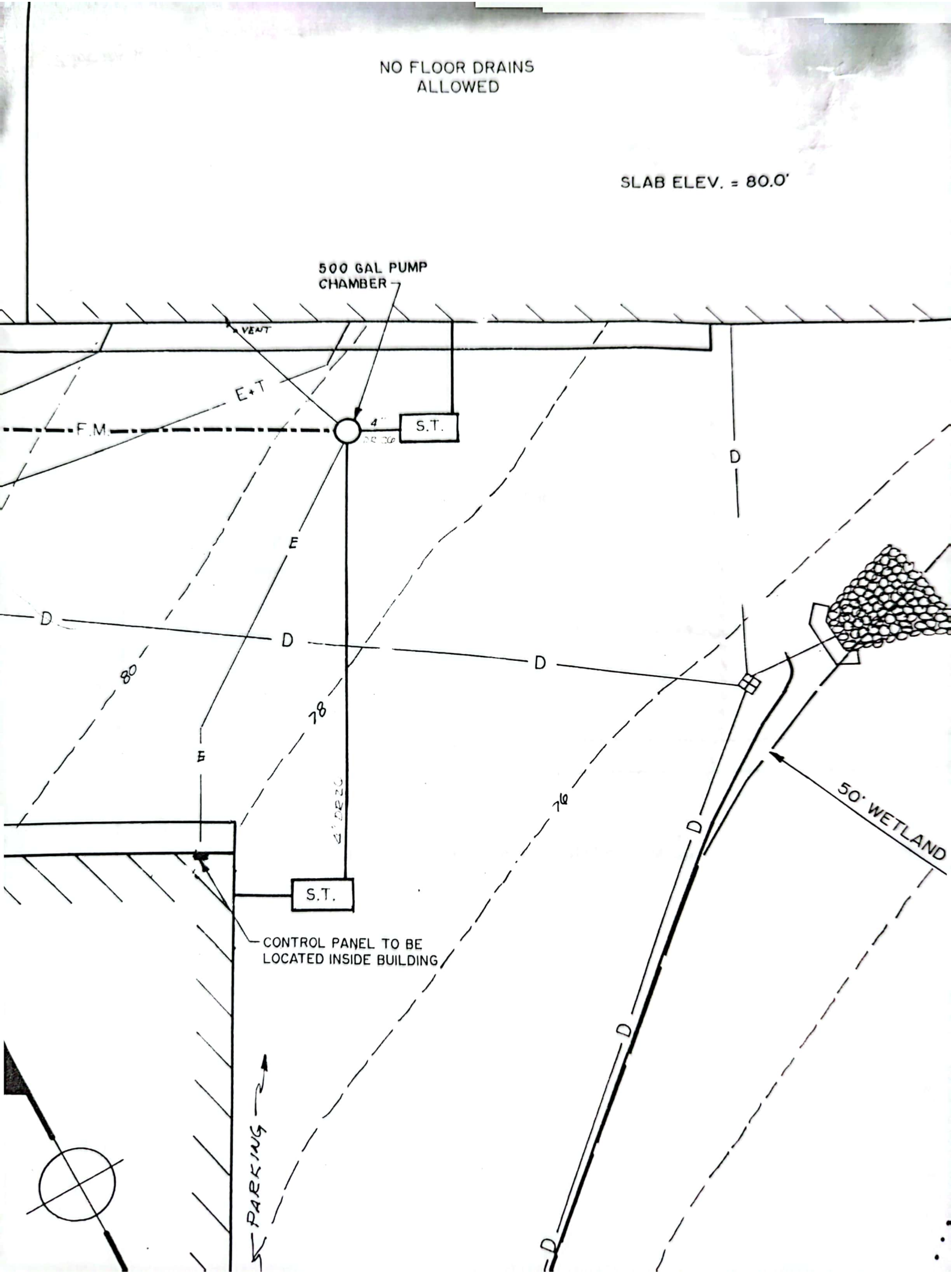
SUBJECT TO a 12' State Highway Easement to the State of New Hampshire, as shown on the Plan, more particularly described as follows:

Beginning at a point along the southerly sideline of Lafayette Road (Route 1) and along Tax Map 13, Lot 73, as shown on the Plan; thence turning and running along said Tax Map 13, Lot 73 and at the southerly sideline of Lafayette Road, S 62° 50' 47" E, a distance of 12.68 feet to a point; thence turning and running N 46° 02' 35" E a distance of 42.28 feet to a point at a westerly corner of Lot #1, as shown on the Plan; thence turning and running along Lot #1, N 62° 50' 47" W a distance of 12.68 feet to a point along the southerly sideline of Lafayette Road (Route 1); thence turning and running along Lafayette Road (Route 1) S 46° 02' 35" W a distance of 42.28 feet to the point and place of beginning. Said easement area containing 507 square feet, more or less.

ALSO SUBJECT TO a certain perpetual easement for the future use, maintenance, repair and replacement of drainage improvements over the "Area to be Conveyed to Abutter/Ted Turchan" and shown on said Plan as "Drainage Easement Area", which easement area is more particularly bounded and described as follows:

Beginning at a point along the "Proposed Lot Line Revision," as shown on said Plan; thence turning and running N 81° 25' 39" E a distance of 84.19 feet to a point along the "Lot Line to be Abandoned" and Tax Map 13, Lot 75, as shown on said Plan; thence turning and running along said Lot Line and Tax Map 13, Lot 75, N 62° 08' 27" W, a distance of 50.00 feet to a point; thence


S 62°08'27" E 54.95'
I.P.
I.P.
88
86
84
T.r. 2
NITRATE SETBACK
36' NITRATE SETBACK
72'
72' NITRATE SETBACK
H P 89.5
8' NITRATE SETBACKS
89
T.P. 4
T.P. 3
72 NITRATE SETBACK
72' NITRATE SETBACK
88.5
36' NITRATE SETBACK
F.M.
82
86
W
MUNICIPAL WATER SERVICE
E+T
E+T


NO FLOOR DRAINS
ALLOWED
SLAB ELEV. = 80.0'
500 GAL PUMP
CHAMBER
VENT
E+T
F.M.
4"
S.T.
D
E
D
D
D
80
78
76
E
4" PVC
S.T.
CONTROL PANEL TO BE
LOCATED INSIDE BUILDING
50' WETLAND
D
D
D
PARKING

17-46
17-45
17-11
17-9
17-8
17-7
17-6
17-5
17-3
17-2
17-41-1
17-41-2
17-10
17-4
17-42
13-23
13-24
13-23-1
13-76
13-21
13-75
13-22
13-74
13-30
13-74-1
13-19
13-20
13-29
13-80
13-14
13-18
13-28
13-72
13-73
13-12
13-26
13-79
13-11
13-71
13-70
13-10
13-25
BIRCH ROAD
ELM ROAD
LAFAYETTE ROAD

Tocky B.

From: "Tocky B." <stockton@ttlc.net>
To: "Chris Thompson" <Chris-Co@comcast.net>
Cc: "Electric Barn" <sales@electricbarn.com>
Sent: Saturday, March 14, 2009 9:55 AM
Subject: Kohlhase

Chris,
Do not want to wait until Monday and risk forgetting to let you and Coz know (and Dave):
I spoke with Eric Thomas who reviewed the septic design at DES about getting a letter from water company that they will provided water.
He would (emphatically) rather wait until it was actually hooked up before issuing construction approval approval for the system, so don't bother getting an interim letter, just forge ahead. Eric is expecting all services to be connected and existing well to be capped before the system can be operational, so I'll just wait until everything is done, then revise the plans accordingly. I will need some confirmation from you about where any water lines are lines are located on my plan view.
I'm officially putting you all on the back burner and will wait to hear from you on this when the well is retired.
Thanks,
Tocky

@ 3/21/13

called town to
see about Brewery
— talked to Wendy

[redacted]

MJS Engineering
Newmarket
659-4979
Mike Sievert PE

Spoke w/ Mike Schloss

Guessing END of
April to be
submitting desi

25

call 10:00

Dave
call 231-6315
Barn 964-7800
www electricbarn.com

Ted Turchan
964-5804

cor dirt pile - 1 PIN. - SEE 180
through trailers
- front Bull pine
PIN ON LINE

- BM IN front of house - gone
Mark Smith

180 BM FOURTH | JOB 18
copy to BM HOME 7 JOB 10